CONSTRUCTION NEWS

Supplement to ENGINEERING NEWS. New York, February 16, 1905.

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CIVIL SERVICE EXAMINATIONS FOR TECHNICAL POSITIONS.

Announcement is made in these columns from time to time of civil service examinations for technical positions. In all cases where the examinations are held by the United States Civil Service Commission, further information may be obtained by addressing the Secretary of that board at Washington, D. C.

DRAFTSMEN.—New York State Civil Service Commission will hold an examination March 11 for the following positions: Bridge draftsman, $1,200 to $1,500; junior bridge draftsman, $900 to $1,200. Information can be obtained from Charles S. Fowler, Chief Examiner, State Civil Service Commission, Albany, N. Y.

PANAMA CANAL EMPLOYEES.—U. S. Civil Service Commission, Washington, D. C., from whom further information can be obtained, will hold an examination March 15 to secure eligibles to fill the following vacancies for service on the Isthmus of Panama: Steam shovel engineer, $190 per month; steam shovel crane man, $165 per month; steam shovel fireman, $75 per month; steam shovel head pitman, $75 per month; foreman of diamond drill boring party, $150 per month; foreman of wash boring party, $125 per month; boring party helper, $75 per month.

PLANS AND SPECIFICATIONS ON FILE.

The following Plans (P.), Specifications (S.), and Bidding Sheets (B. S.), may be seen at the office of The Engineering News Publishing Co., 220 Broadway, New York:

Bids close	Work.	Place.	On file.	See issue.
Feb.				
*16	Dredging, Detroit, Mich	S		1-19
18	Telephone system	Wash., D. C.	S	1-26
25	Dredging	Washington, D. C.	S	2-2
25	Garbage incinerator	New York	S	2-2
Mar.				
3	Steel, concrete floor	Wash., D. C.	S	2-9
*7	Ditches	Storm Lake, Ia	S	2-9
*8	Filtration system	Pittsburg, Pa.	P. & S.	2-2
11	Fireproof prison	New York, N.Y.	S	2-9
11	Elec. elevators	Portsm'th, N.H.	S	2-16
*17	Dredge	St. Louis, Mo	P. & S.	1-19

*Work advertised in Engineering News.

NOTE.—We are desirous of securing specifications and bidding sheets (and plans when not too bulky) of pending work for file in our New York office for the benefit of contractors or others who may be interested in the work. If more sets than one are sent us we shall be pleased to distribute these to contractors who ask for them. When the work is advertised in Engineering News a note that the plans are filed with us will be added to the advertisement without cost.

LIST OF CONTRACTS PENDING.

Bids close. Work. Place. See issue.

LIGHT, HEAT AND POWER PLANTS.

Feb. 17. Power plant, Niagara Falls, Ont. ..... Feb. 9
Feb. 17. Gas burners, etc., Cleveland, O. ..... Feb. 16
Feb. 27. Electric motors, Los Angeles, Cal. ..... Feb. 9
Mar. 20. Electric generating plant, Wash., D. C. ..... Feb. 9
Advertised, Eng. News, Feb. 9.
Mar. 21. City lighting, Norwalk, O. ..... Feb. 16
Advertised, Eng. News, Feb. 16.
Apr. 11. City lighting, Shreveport, La. ..... Feb. 16
Apr. 12. Power house, Lockport, Ill. ..... Feb. 16
Advertised, Eng. News, Feb. 16.
No date. Incandescent lighting, Laconia, N. H. ..... Jan. 26
Advertised, Eng. News, Jan. 26 to Feb. 9.

BRIDGES.

Feb. 16. Bridge, Columbus, O. ..... June 26
Feb. 16. Bridge, truss, Charleston, W. Va. ..... Jan. 26
Advertised, Eng. News, Jan. 26.
Feb. 17. Bridge, superstructure, Port Clinton, O. ..... Jan. 26
Feb. 17. Bridges, Tara, Ont. ..... Feb. 9
Feb. 18. Bridge, steel, Seaforth, Ont. ..... Feb. 9
Feb. 18. Bridge repair, Cincinnati, O. ..... Jan. 26
Feb. 20. Bridge, York, Neb. ..... Jan. 26
Feb. 20. Bridge, steel, Culpeper, Va. ..... Jan. 19
Feb. 20. Bridge piers, Ottawa, Ont. ..... Feb. 9
Feb. 21. Bridge, steel, Celina, O. ..... Feb. 2
Feb. 21. Bridge, Kearney, Neb. ..... Feb. 2
Feb. 22. Bridge, substructure, Buffalo, N. Y. ..... Feb. 16
Feb. 23. Bridges, Dover, Ont. ..... Feb. 2
Feb. 25. Bridges, Celina, O. ..... Feb. 9
Feb. 25. Bridge approach, Des Moines, Ia. ..... Feb. 16
Feb. 28. Bridge, Harrisburg, Pa. ..... Feb. 16
Feb. 28. Bridge, Minnedoso, Man. ..... Feb. 16
Mar. 1. Bridges, steel, Tombstone, Ariz. ..... Feb. 16
Mar. 4. Bridges, steel, Valley City, N. Dak. ..... Feb. 16
Mar. 6. Bridge, steel, Amite City, La. ..... Feb. 16
Mar. 6. Bridge, steel, Valparaiso, Ind. ..... Feb. 16
Mar. 6. Bridge, Los Gatos, Cal. ..... Feb. 9
Mar. 13. Bridge, San Bernardino, Cal. ..... Feb. 9
Mar. 22. Bridge, Providence, R. I. ..... Feb. 16
Advertised, Eng. News, Feb. 16 to Mar. 16.
Apr. 4. Bridge, Goldendale, Wash. ..... Feb. 9

BUILDINGS.

Feb. 16. Gallery, Philadelphia, Pa. ..... Feb. 9
Advertised, Eng. News, Feb. 2 and 9.
Feb. 16. Brick building, San Antonio, Tex. ..... Feb. 9
Feb. 17. School, Jewett, O. ..... Feb. 9
Feb. 20. School, New York, N. Y. ..... Feb. 9
Feb. 20. Hospital, Albany, N. Y. ..... Feb. 2
Feb. 20. Armory, Minneapolis, Minn. ..... Feb. 16
Feb. 21. Post office, Westchester, Pa. ..... Jan. 5
Feb. 21. Plumbing, etc., Ft. Assiniboine, Mont. ..... Jan. 26
Advertised, Eng. News, Jan. 26 to Feb. 16.
Feb. 21. Building, brick, New London, Conn. ..... Feb. 9
Advertised, Eng. News, Feb. 9 and 16.
Feb. 23. Post office, Decatur, Ill. ..... Jan. 12
Feb. 23. Metal window frames, Wash., D. C. ..... Feb. 2
Feb. 23. Court house, Ellsworth, Wis. ..... Feb. 16
Feb. 25. Steam heating, Anniston, Ala. ..... Feb. 2
Advertised, Eng. News, Feb. 2 and 9.
Feb. 27. Post office, Columbia, Mo. ..... Jan. 19
Advertised, Eng. News, Jan. 19 and 26.
Feb. 28. Post office, Louisiana, Mo. ..... Jan. 19
Advertised, Eng. News, Jan. 19 and 26.
Feb. 28. Interior work, Des Moines, Ia. ..... Feb. 16
Mar. 1. Court house, Lawrenceburg, Tenn. ..... Feb. 16
Mar. 1. Five buildings, Chattanooga, Tenn. ..... Feb. 2
Advertised, Eng. News, Feb. 2 to 23.
Mar. 1. Building materials, Chattanooga, Tenn. ..... Feb. 9
Mar. 1. Heating apparatus, Hastings, Neb. ..... Feb. 9
Mar. 1. Court house plans, Edna, Tex. ..... Feb. 9
Mar. 2. Post office, Adrian, Mich. ..... Jan. 26
Advertised, Eng. News, Jan. 26 and Feb. 2.
Mar. 3. Electric wiring, Savannah, Ga. ..... Feb. 9
Advertised, Eng. News, Feb. 9 and 16.
Mar 3. Steel, concrete floor, Washington, D. C. ..... Feb. 9
Mar. 5. Post office, Battlecreek, Mich. ..... Feb. 9
Mar. 6. Dormitory, etc., Washington, D. C. ..... Feb. 9
Mar. 6. Court house, Greenwood, Miss. ..... Jan. 26
Mar. 6. Post office, Battlecreek, Mich. ..... Jan. 26
Mar. 6. Church plans, Portsmouth, O. ..... Feb. 16
Advertised, Eng. News, Feb. 16.
Mar. 7. Court house, Hot Springs, Ark. ..... Feb. 16
Mar. 7. Post office, Findlay, O. ..... Feb. 2
Mar. 8. Post office, Muskegon, Mich. ..... Jan. 26
Advertised, Eng. News, Jan. 26 and Feb. 2.
Mar. 8. Cut-stone work, Washington, D. C. ..... Feb. 16
Advertised, Eng. News, Feb. 16 to Mar. 2.
Mar. 9. Court house, Elbow Lake, Minn. ..... Feb. 16
Mar. 9. Steam heating, Savannah, Ga. ..... Feb. 9
Mar. 10. Wagon shed, Oswego, N. Y. ..... Feb. 9
Advertised, Eng. News, Feb. 9 to Mar. 2.
Mar. 11. Fireproof prison, New York, N. Y. ..... Feb. 9
Mar. 12. Court house, Magnolia, Ark. ..... Feb. 9
Mar. 13. Post office, Hammond, Ind. ..... Jan. 26
Mar. 14. Post office, Moberly, Mo. ..... Jan. 26
Mar. 15. Jail equipment, etc., Camden, N. J. ..... Feb. 2
Advertised, Eng. News, Feb. 2 and 9.
Mar. 20. Post office, Elizabeth, N. C. ..... Feb. 2
Mar. 21. Post office, Laredo, Tex. ..... Feb. 2
Advertised, Eng. News, Feb. 2 and 9.
Mar. 27. Post office, Lebanon, Pa. ..... Feb. 9
Mar. 28. Post office, Superior, Wis. ..... Feb. 9
Advertised, Eng. News, Feb. 9 and 16.

WATER SUPPLY AND IRRIGATION.

Feb. 18. Boilers, stack, etc., Norwood, O. ..... Feb. 9
Feb. 18. Water main, Seattle, Wash. ..... Feb. 9
Feb. 20. Pumping station, East Toronto, Ont. ..... Feb. 9
Feb. 20. Pipe specials, Washington, D. C. ..... Feb. 2
Advertised, Eng. News, Feb. 2.
Feb. 21. Castings, Boston, Mass. ..... Feb. 16
Feb. 22. Water-works, Schoharie, N. Y. ..... Jan. 26
Advertised, Eng. News, Jan. 26 and Feb. 2.
Feb. 23. Water main extension, Portland, Me. ..... Feb. 2
Feb. 23. Water-works, Menasha, Wis. ..... Feb. 9
Feb. 24. Meters, Cleveland, O. ..... Feb. 9
Advertised, Eng. News, Feb. 9 and 16.
Feb. 25. Water-works, Tillamook, Ore. ..... Feb. 2
Feb. 27. Water pipe, etc., Santa Ana, Cal. ..... Feb. 16
Feb. 28. Water-works, Waterman, Ill. ..... Feb. 16
Mar. 1. Water-works, Chariton, Ia. ..... Jan. 26
Mar. 3. Pipe, valves, etc., Youngstown, O. ..... Feb. 16
Advertised, Eng. News, Feb. 16 and 23.
Mar. 4. Water-works, Meeker, Colo. ..... Feb. 2
Advertised, Eng. News, Feb. 2 to Mar. 3.
Mar. 6. Pumping plant, Iowa Falls, Ia. ..... Feb. 9
Mar. 8. Filtration plant, Pittsburg, Pa. ..... Feb. 2
Advertised, Eng. News, Feb. 2.
Mar. 8. Water main extension, Fort Du Pont, Del. ..... Feb. 9
Advertised, Eng. News, Feb. 9 to Mar. 2.
Mar. 11. Settling well, Lorain, O. ..... Feb. 16
Mar. 17. Pipe and castings, Washington, D. C. ..... Feb. 16
Advertised, Eng. News, Feb. 16 to Mar. 9.
Mar. 21. Well, Fort Caswell, N. C. ..... Feb. 9
Apr. 10. Water pipe, Winnipeg, Man. ..... Feb. 16
Apr. 18. Pumping machinery, New Orleans, La. ..... Feb. 16
Advertised, Eng. News, Feb. 16 to April 20.

SEWERAGE.

Feb. 16. Sewers, St. Bernard, O. ..... Jan. 26
Feb. 16. Sewers, Sullivan, Ind. ..... Feb. 2
Feb. 16. Sewer, Des Moines, Ia. ..... Feb. 9
Feb. 17. Sewers, Mamaroneck, N. Y. ..... Feb. 2
Advertised, Eng. News, Feb. 2 to 16.
Feb. 18. Sewer, tank, Seattle, Wash. ..... Feb. 9
Feb. 21. Sewers, Coldwater, Mich. ..... Feb. 9
Advertised, Eng. News, Feb. 9.
Feb. 23. Sewerage, New Rochelle, N. Y. ..... Feb. 2
Advertised, Eng. News, Feb. 2 and 9.
Feb. 23. Sewers, New Rochelle, N. Y. ..... Jan. 26
Feb. 24. Sewers, pipe, Wilkesbarre, Pa. ..... Feb. 2
Advertised, Eng. News, Feb. 2 to 17.
Mar. 1. Sewer, Norristown, Pa. ..... Feb. 16
Mar. 6. Sewer siphons, Washington, D. C. ..... Feb. 9
Advertised, Eng. News, Feb. 9.
Apr. 18. 65 miles sewers, New Orleans, La. ..... Feb. 16
Advertised, Eng. News, Feb. 16 to April 20.

STREETS AND ROADS.

Feb. 16. Curbing, cement, Des Moines, Ia. ..... Feb. 2
Feb. 18. Grading, Washington, D. C. ..... Jan. 19
Advertised, Eng. News, Jan. 19.
Feb. 18. Grading, Seattle, Wash. ..... Feb. 9
Feb. 18. Paving, East St. Louis, Ill. ..... Feb. 16
Feb. 20. Paving, Syracuse, N. Y. ..... Feb. 16
Feb. 20. Boardwalk, Avon, N. J. ..... Feb. 16
Feb. 21. Paving, Cleveland, O. ..... Feb. 16
Feb. 21. Asphalt, Winnipeg, Man. ..... Feb. 9
Feb. 21. Paving, wood, New York, N. Y. ..... Feb. 2
Feb. 22. Grading, Hoboken, N. J. ..... Feb. 9
Feb. 23. Paving, Cincinnati, O. ..... Feb. 9
Feb. 23. Roads, Peru, Ind. ..... Feb. 9
Feb. 23. Paving, Geneva, N. Y. ..... Feb. 9
Advertised, Eng. News, Feb. 9 and 16.
Feb. 23. Paving, etc., Brooklyn, N. Y. ..... Feb. 16
Feb. 24. Paving, Cincinnati, O. ..... Feb. 9
Feb. 24. Road, York, Pa. ..... Feb. 2
Feb. 27. Paving, etc., Wilkesbarre, Pa. ..... Feb. 2
Advertised, Eng. News, Feb. 2 to 23.
Feb. 25. Road, Celina, O. ..... Feb. 9
Feb. 27. Paving, Elyria, O. ..... Feb. 9
Feb. 27. Grading, etc., Hartford, Conn. ..... Feb. 9
Feb. 27. Binder stone, Detroit, Mich. ..... Feb. 16
Feb. 27. Paving, vitrified brick, Des Moines, Ia. ..... Feb. 16
Feb. 28. Curbing, cement, Des Moines, Ia. ..... Feb. 16
Mar. 1. Paving, Ft. Wayne, Ind. ..... Feb. 9
Mar. 1. Road, Grass Valley, Cal. ..... Jan. 26
Mar. 3. Paving, brick, Cincinnati, O. ..... Feb. 16
Mar. 7. Sidewalks, cement, Broad Ripple, Ind. ..... Feb. 16
Mar. 7. Roads, gravel, Rockville, Ind. ..... Feb. 16
Mar. 16. Roads, Bloomfield, Ind. ..... Feb. 16

MISCELLANEOUS CONTRACTS.

Feb. 16. Dredging, Detroit, Mich. ..... Jan. 19
Advertised, Eng. News, Jan. 19 to Feb. 16.
Feb. 16. Wharf work, San Francisco, Cal. ..... Jan. 26
Feb. 16. Garbage collect'n & disposal, Chicago, Ill. ..... Jan. 26
Advertised, Eng. News, Jan. 26 to Feb. 17.
Feb. 17. Embankment, San Francisco, Cal. ..... Jan. 26
Advertised, Eng. News, Jan. 26 to Feb. 16.
Feb. 18. Telephone system, Washington, D. C. ..... Jan. 26
Feb. 18. Dredging, New Orleans, La. ..... Jan. 26
Advertised, Eng. News, Jan. 26 to Feb. 16.
Feb. 20. Garbage removal, Waterbury, Conn. ..... Feb. 9
Feb. 20. Tramways, England ..... Jan. 26
Feb. 21. Piles, Washington, D. C. ..... Jan. 26
Feb. 21. Machine tools, Washington, D. C. ..... Jan. 26
Feb. 21. Portland cement, Cincinnati, O. ..... Jan. 19
Advertised, Eng. News, Jan. 19 to Feb. 16.
Feb. 21. Remodeling boat, Milwaukee, Wis. ..... Feb. 9
Feb. 21. Repairing dock, New York, N. Y. ..... Feb. 16
Feb. 21. Cobble and riprap, New York, N. Y. ..... Feb. 16
Feb. 21. Dredging, Cleveland, O. ..... Feb. 16
Feb. 23. Dams and bridges, Phoenix, Ariz. ..... Feb. 9
Advertised, Eng. News, Feb. 9 and 16.
Feb. 23. Grading, etc., Memphis, Tenn. ..... Feb. 9
Feb. 23. Window frames, Washington, D. C. ..... Jan. 26
Advertised, Eng. News, Jan. 26 to Feb. 23.
Feb. 23. Portland cement, etc, Newport, R. I. ..... Jan. 26
Advertised, Eng. News, Jan. 26 to Feb. 23.
Feb. 23. Dredging, bridges, Dover, Ont. ..... Feb. 2
Feb. 24. Portland cement, Minneapolis, Minn. ..... Feb. 16
Feb. 25. Railroad ties, Ottawa River Ry. ..... Feb. 16
Feb. 25. Dredging, Washington, D. C. ..... Feb. 2
Feb. 25. Lock, Cincinnati, O. ..... Jan. 26
Advertised, Eng. News, Jan. 26 to Feb. 23.
Feb. 25. Garbage incinerating plant, New York ..... Feb. 2
Feb. 27. Filling and grading, Hartford, Conn. ..... Feb. 2
Advertised, Eng. News, Feb. 2 and 9.
Feb. 28. Rock drills, Washington, D. C. ..... Feb. 9
Advertised, Eng. News, Feb. 9 to Mar. 2.
Feb. 28. Machine tools, Washington, D. C. ..... Feb. 16
Feb. 28. Ditching, Litchfield, Minn. ..... Feb. 9
Feb. 28. Electric elevators, Omaha, Neb. ..... Feb. 16
Feb. 28. Contractors' wagons, Washington, D. C. ..... Feb. 16
Mar. 1. Island, Ellis Island, N. Y. ..... Feb. 9
Advertised, Eng. News, Feb. 9 and 16.
Mar. 1. Steamboat, New York, N. Y. ..... Feb. 9
Mar. 3. Cement, San Francisco, Cal. ..... Feb. 9
Advertised, Eng. News, Feb. 9 to Mar. 2.
Mar. 3. Tank and trestle, Fort Reno, Okla. ..... Feb. 9
Mar. 4. Timber, Ottawa, Ont. ..... Feb. 16
Mar. 6. Wreck removal, Boston, Mass. ..... Feb. 9
Advertised, Eng. News, Feb. 9 to Mar. 9.
Mar. 6. Electric tramcars, etc, South Africa ..... Jan. 12
Mar. 6. Railway tunnels, Pa., N. J., & N. Y. Ry. ..... Feb. 2
Advertised, Eng. News, Feb. 2.
Mar. 7. Steel rails, fish plates, Australia ..... Jan. 19
Mar. 7. Ditches, Storm Lake, Ia. ..... Feb. 2
Advertised, Eng. News, Feb. 2 to Mar. 3.
Mar. 8. Dredging, Detroit, Mich. ..... Feb. 16
Mar. 9. Steel shed, New Orleans, La. ..... Feb. 16
Advertised, Eng. News, Feb. 16 and 23.
Mar. 11. Electric elevators, Portsmouth, N. H. ..... Feb. 16
Mar. 14. Transformers, etc., Washington, D. C. ..... Feb. 16
Mar. 14. Portland cement, Wheeling, W. Va. ..... Feb. 16
Advertised, Eng. News, Feb. 16 to Mar. 16.
Mar. 15. Dam, Los Angeles, Cal. ..... Jan. 12
Advertised, Eng. News, Jan. 12 to Feb. 23.
Mar. 17. Dredge, St. Louis, Mo. ..... Jan. 19
Advertised, Eng. News, Jan. 19 to Feb. 10.
Mar. 20. Drainage ditch, Macon City, Md. ..... Feb. 16
Mar. 21. Drainage ditch, Webster City, Ia. ..... Feb. 16
Mar. 31. Electric railway, China ..... Oct. 20
Advertised, Eng. News, Oct. 20 to Dec. 29.
Apr. 1. Dredging, Sweden ..... Nov. 24
Apr. 10. Channel improvement, Bermuda ..... Jan. 26
Advertised, Eng. News, Feb. 2.
Apr. 10. Dam, canals, etc., Denver, Colo. ..... Feb. 16
Advertised, Eng. News, Feb. 16 to Mar. 30.
Apr. 25. Canals, etc., New Orleans, La. ..... Feb. 16
Advertised, Eng. News, Feb. 16 to April 20.
May 1. Light house, Egypt ..... Dec. 22
No. date. Hauling stone, Catskill, N. Y. ..... Feb. 16
Advertised, Eng. News, Feb. 16.
No date. Railway extension, Imboden & Odell ..... Feb. 16
Advertised, Eng. News, Feb. 16 and 23.

RAILWAYS.

The names of parties awarded contracts are printed in capital letters.

ALEXANDRIA, BAYOU MACON & GREENVILLE.—It is reported that construction will begin this spring. The road will traverse the Parishes of Rapides, Catahoula, Franklin, Richland and West Carroll, La., and Chicot County, Ark., crossing the Mississippi River below Greenville, Miss., to intersect the Illinois Central or Mississippi Valley systems. J. D. Garrettson and Major C. M. Hicks are interested and may be addressed at Alexandria, La. Surveys are now being run. Right of way is said to have been secured. S. H. Cordill, Delhi, La., is Pres. and Gen. Mgr.; T. B. Gilbet, Jr., Vice-Pres. and Secy.; and B. S. Landis, Treas.

ATCHISON, TOPEKA & SANTA FE.—At the special meeting of the stockholders in Topeka, Kan., held on Jan. 24, it was voted to issue $50,000,000 in bonds, convertible in stock, and to increase the common stock of the company from $102,000,000 to $152,000,000 for this purpose. The proceeds of this issue will be used for the following construction, according to J. W. Kendrick, Third vice-Pres.: About 155 miles of second track will be built, including the completing of the double track of the system between Chicago and Streator, Ill., and new second track east and west of Marceline, Ia. The track between Holliday and Emporia, Kan., on the cut-off, will be double-tracked. The 7-mile freight yard in Argentine, Kan., will be completed. A 1,500,000-bushel elevator will be built in Argentine to cost $400,000. The cut-off between Texico, on the Pecos Valley line, and the main line west of Albuquerque will be completed.

BELLINGHAM BAY & BRITISH COLUMBIA, J. J. Donovan, Bellingham, Wash., Ch. Engr., informs us that plans for proposed 350-mile extension (noted on Jan. 26) have not yet been approved.

BUTTE COUNTY.—J. B. Robinson, Ch. Engr., Chico, Cal., has stated that this company will build an extension 24 miles long from Sterling City, Cal. J. K. Robinson, 27 William St., New York, is Secy.

CACHE VALLEY.—A 20-mile extension will be built from Stonewall, Ark., to Chalk Bluff. An extension is now in course of construction from Light, Ark., to Stonewall, 15 miles. H. A. Culver, Sedgwick, Ark., is Gen. Mgr. and vice-Pres.

CALIFORNIA.—A report from San Francisco states that the Empire Redwood Co. has made preparations to build a 10-mile extension of its logging railroad, which is now in operation, for a distance of 16 miles, from the mill at Gualala into the redwood timber district. E. W. Davies is vice-Pres. of the company.

CANADA.—Dominion government railway department has compiled statistics which show that 19,611 miles of steam railways were in operation on June 30, 1904.

CHARLOTTE, MONROE & COLUMBIA.—Ernest Williams, Pres., Lynchburg, Va., informs us that proposed 40-mile extension from McBee, S. C., to Monroe, via Jefferson, will not be constructed this year. Noted on Jan. 26. R. A. Honeycutt, McBee, S. C., is Ch. Engr.

CINCINNATI SOUTHERN.—Contract for construction of the line between Cardiff, Tenn., and Hood's Landing, five miles, has been awarded to BOLT, KOON & BORCHES, of Knoxville, Tenn.

CORNING, LAKE KEUKA & ONTARIO.—Secretary of New York State, John F. O'Brien, has granted this company a certificate of reorganization. Company is capitalized at $1,500,000. The road was built about 25 years ago and, owing to litigation, abandoned. R. H. Curtis, of Bradford, N. Y., is interested. Connections with the Erie Ry. will be made at Savona, and the road will touch Bradford, Savona, Tyrone, Lake Lamoka, Wayne, Keuka, Barrington, Warsaw and Pen Yan. Reuben R. Lyon, of Bath, N. Y. is representative of company.

DEEPWATER RY.—Contracts will be let this spring, according to statement reported to have been made by Lewis Brungardner, an attorney, of Beckley, W. Va., for construction of Deepwater Ry. in Virginia. 85 miles of this road is now under contract, on 60 miles of which grading is under way. The line, as proposed, will run from Deepwater, W. Va., on the Chesapeake & Ohio, through the counties of Fayette, Raleigh, Wyoming and Mercer via Princeton to the Virginia state line near the junction of the East and New Rivers. At the state line, it is to connect with the projected Tidewater Railway, which is surveyed from that point to Hampton Roads. It is said that there will be constructed numerous steel bridges and trestles and eight tunnels. William N. Page, Ansted, W. Va., is Ch. Engr. and Gen Mgr. James Q. Green, 17 Burling Slip, New York, is Pres.

DENVER, ENID & GULF.—This line will be extended to Oklahoma City, it is reported. W. D. Gerber, Enid, Okla., is acting Ch. Engr.

DENVER & RIO GRANDE.—E. J. Yard, Ch. Engr., Denver, Colo., writes us that no extension is now under construction from either Howard or Sargents, as reported. Note regarding amendment of articles providing for this work was made on Feb. 2. E. T. Jeffery, 195 Broadway, New York, is Pres.

DULUTH, ST. CLOUD, GLENCOE & MANKATO.—The contract for building this road from Mankato to Albert Lea, Minn., 52½ miles, has been awarded to E. L. TOBIE & CO. Work is to begin in the spring. The company was formed some years ago to build a road from Duluth to Albert Lea, 287½ miles. A. H. Reed, Glencoe, Minn., is Pres.

ERIE & PITTSBURG.—John P. Smart, Secy., Erie, Pa., writes us that increase in capital stock was authorized on Jan. 9. "The road is now double-tracked from New Castle, Pa., to a point near end of Sharpsville Yard, 24 miles. As to the ultimate double-tracking of the whole line I am not at present prepared to advise, but in the nature of things it would look as though this improvement were in contemplation." Noted fully on Jan. 26.

FLORIDA.—W. F. Alford, Supt. Construction, Strickland Lumber Co., Kathleen, Fla., informs us that proposed extension will run from Kathleen to Gaiter Creek, C. Strickland is Pres.; J. L. Parrish, Ch. Engr.

GULF COAST LINE.—O. M. Magill, Bay City, Tex., writes us that line from Brownsville to Corpus Christi and Sinton, Tex., is in operation. From Sinton to Bay City the railway is well under construction. Track laying will begin from Bay City westward at once and route from Bay City to Houston and Galveston via Engleton is now being located. Construction will also begin from Bay City eastward at once. Capital has been secured. JOHNSON BROS. and McKALIE & STEEN, Bay City, have contracts. W. P. Homan, Corpus Christi, is Ch. Engr.

HALIFAX & SOUTHWESTERN.—The extension from Liverpool to Barrington, N. S., 89 miles, is being graded. This line probably will be tracked this year. T. H. White, Bridgewater, N. S., is Ch. Engr.

HOLLY RIVER & ADDISON.—George A. Heckmer, Gen. Mgr., Palmer, W. Va., informs us that details have not been decided yet in connection with proposed 11-mile extension from Webster Springs to Bergoo, W. Va., noted on Jan. 19. A. P. Hamilton, Webster Springs, is Ch. Engr.

IMBODEN & ODELL.—Bids are asked by C. P. Peyton, Ch. Engr., Charleston, W. Va., for construction of an 11-mile extension on Blue Creek, W. Va. Specifications, maps and profiles may be had on application. (Advertised, Engineering News.)

JEFFERSON CITY, JERICO & SOUTHERN.—THE WARE CONSTRUCTION CO. of St. Louis, Mo., is reported to have been awarded the contract for building this road from Lamar, Mo., northwest via Jerico to Stockton, Mo., 40 miles. Robert E. Collins, St. Louis, Mo., is interested.

LAKE ERIE & PITTSBURG.—Press report states that William Kennefick, Pres., Kansas City, Mo., has announced that the route of the proposed line is to be as follows: From Lorain, O., southeast to Olmsted Falls; from Olmsted Falls through Berea northeast to Newburg, a suburb of Cleveland, from which a branch will be built to connect with the Newburg & South Shore. From Berea the line will be built east across the Cuyahoga River near Hudson and via Streetsboro, Freedom, Newton Falls, Niles and Girard to Youngstown and Lowellville. Total about 90 miles. The J. B. CARTER CONSTRUCTION CO., of Pittsburg, has contract.

LOUISIANNA RY. & NAVIGATION CO.—A contract for building 30 miles of this company's line has been let to J. M. WHITE, of New Orleans, La. Bids are reported being received for construction of other sections between Baton Rouge and New Orleans. William Edenborn, Pres., Maritime Bldg., New York, is reported to be contracting for rails and general construction material. H. B. Heim, Shreveport, La., is Gen. Mgr.

LOUISVILLE & NASHVILLE.—Contract for construction of ten miles of road on Norton branch of L. & N. from Artemus, Ky., to Mines of Cumberland Coal & Coke Co., has been let to EDINGTON, GRIFFITTS & GRONER, of Knoxville, Tenn. Bids are being received for sub-contracts.

MISSOURI RIVER & NORTHWESTERN.—Francis C. Tucker, Ch. Engr., Rapid City, S. Dak., writes us that bids are being received for building this railroad, 35 miles long, from Rapid City to Mystic, S. Dak., via Silver City and Pastola. C. D. Cronan, Rapid City, is Pres. All surveys have been made and right-of-way obtained. Capital has been secured. Grading contracts will be let as rapidly as possible. Rock work will be done this winter and construction begun in spring. Eight miles of the line were graded some years ago. A. RILEY, of Silver City, S. Dak., has contract for piling.

MONROE & LAKE PROVIDENCE.—S. T. Jackson, Forest, La., writes us that surveys are being made and right-of-way secured for this road from Oak Ridge to Floyd, La., 58 miles. J. P. Parker, Monroe, La., Pres.; J. D. Garrison, Delhi, La., is Ch. Engr. A 5-mill tax will be voted by the Parishes through which line is to be built. Capital is available. Two other railroads are under consideration: One from Alexandria, La., to Greenville, Miss., and another from Cypress, Ark. to Vicksburg, Miss.

NEW YORK, NEW HAVEN & HARTFORD.—Contract for six-tracking and elevating existing tracks of this road from New York City to New Rochelle is stated to have been let to NEW YORK CONTRACTING & TRUCKING CO., 215 W. 33d St., New York City. Contract is said to amount to $6,000,000. R. G. Collins is Ch. Engr. of Contractors.

NOVA SCOTIA.—Surveys for building Chignecto Coal & Railway Co. railroad from near Chignecto to Northport, N. S., are reported completed. D. Mitchell, is Gen. Mgr., at Chignecto, N. S.

ORANGE & NORTHWESTERN.—Company has a locating party in the field surveying its proposed extension from Buna toward Shreveport, La., about 180 miles. It is reported that the "Frisco" System has acquired an interest in this property and will extend it north and northwest in the near future. L. Miller is Pres., and M. L. Montandon is Ch. Engr., at Orange, Tex. Charles W. Hole, Gen. Mgr., Orange, Tex., writes us that capital for extension has been secured and that as soon as estimates are made bids will be received for construction. Company has 30 miles in operation now.

OREGON STATE PORTAGE ROAD.—J. N. Teal, 314 Worcester Block, Portland, Ore., writes us that contracts have been let for equipment to W. J. MARINER, J. A. SMITH and HENRY HAHAN. Noted in full on Feb. 9.

OTTAWA RIVER.—M. P. McGrath, Easton, Pa., who has been awarded contract for construction of this road and branches is reported to be asking bids until Feb. 25 for 400,000 cedar ties. Noted on Feb. 9.

PEORIA & PEKIN TERMINAL.—Improvements are ordered by directors. The line between Peoria and Hollis, Ill., will be double-tracked. Yards will be enlarged. Guy W. Talbot, Peoria, Ill., is Gen. Mgr.

ST. LOUIS & NORTH ARKANSAS.—S. W. Lee, Ch. Engr., Eureka Springs, Ark., has begun surveys for an extension from Leslie, Ark., southeast. It is probable that the road may be continued to Little Rock.

ST. JOSEPH, ALBANY & DES MOINES.—F. S. Mordaunt, 107 Washington St., Chicago, Pres., is reported as stating that bonds have been sold and construction will begin within 60 days. The main line is to run from St. Joseph, Mo., to Des Moines, Ia., 180 miles, with a 20-mile extension to coal fields in Iowa. Section from Wintersett to Des Moines, Ia., 40 miles, will be built first. E. O. Sessions, 425 Monadnock block, Chicago, is Engr.

SAN PEDRO, LOS ANGELES & SALT LAKE.—E. G. Tilton, Ch. Engr., Los Angeles, Cal., writes us that surveys have been completed and all right-of-way obtained for proposed new line. It will be 299 miles long, from Daggett, Cal., to Caliente, Nev., via Los Vegas and Moapa. Capital for construction is available. All contracts have been let for work. THE UTAH CONSTRUCTION CO., of Ogden, Utah, and ROBERT SHERER & CO., of Los Angeles, Cal., have the contracts. Grading and tracklaying is nearly completed. When the entire railroad is completed it will extend from San Pedro to Salt Lake City.

SUSQUEHANNA & NEW YORK.—C. A. Derr, Engr., Williamsport, writes us that surveys are being run for proposed 18-mile extension from Grays Run, Pa., to Dawberry Junction, via Trout Run and Cogan Valley. S. T. Hayt, Jr., Towanda, Pa., is Ch. Engr.

TEXAS.—Eugene Moore, Secy. of the Stephenville (Tex.) Commercial Club, has stated that he "wishes to secure the building of about 25 miles of standard-gage steam railroad to connect a town of 2,000 population with an existing railroad. He would like to know of contractors who would consider such a plan or of financiers who would take it up."

STREET AND ELECTRIC RAILWAYS.

The names of parties awarded contracts are printed in capital letters.

WESTFIELD, MASS.—The Western Massachusetts Street Ry. Co. has awarded the contract for construction of its line between Westfield and Huntington to C. W. BLAKESLEE & SONS, of New Haven. There are about 12 miles of track to be laid. Work will begin at once.

WESTFIELD, MASS.—It is reported that the HAMPDEN CONTRACTING CO., capital $25,000, has been organized to build the new line of the Western Massachusetts Ry. Co. from Westfield to Lee.

WORCESTER, MASS.—A petition has been filed with Board of Aldermen by promoters of the new Providence & Worcester Street Ry. Co. for a double-track location in this city from Mulbury line through Greenwood St. to present terminus of Worcester Consolidated St. Ry. Co. It is stated that all rights of way through this city and Providence have been secured between this city and Providence.

HARRISBURG, PA.—The California Street Ry. Co., capital $25,000, has been granted a charter to build an electric railway through the principal streets of California, Washington County.

FLORENCE, ALA.—The Sheffield Ry. Co. is preparing to extend its system at this place. S. H. M[illegible] is Gen. Mgr.

CLEVELAND, O.—The Roberts & Abbott Co., of Cleveland, have reported recently upon a number of proposed roads and have the engineering of seven proposed roads; several, if not all, of which expect to begin construction next spring. One of the most important, because of its character, is the Washington, Baltimore & Annapolis Road, at the head of which rail[illegible] are Mr. Geo. T. Bishop and Mr. John Sherwin, of Cleveland, O. These gentlemen were the Syndicate Managers of the Northern Texas Traction Co., for which the Roberts & Abbott Co. were and are Consulting Engineers. A number of those interested in the Northern Texas Traction Co. are also interested in the Washington, Baltimore & Annapolis proposition as are also some of those interested in the Muncie, Hartford & Ft. Wayne, for which latter Road E. P. Roberts & Co., predecessors of The Roberts & Abbott Co., were engineers and both of which roads have made remarkable showings.

MARION, O.—It is reported that considerable improvements are to be made in local electric street railway and electric light systems the coming summer. Geo. Whyte, Jr., Gen. Mgr. Marion Railway, Light & Power Co., can inform.

VINCENNES, IND.—Survey of line of Vincennes & Jasper Traction Co. has been completed and stakes have been set. Contract for construction of power house at Petersburg has been let to CINCINNATI CONSTRUCTION CO., for $72,000.

HUNTINGTON, IND.—Huntington Township has voted a $25,000 subsidy to aid the proposed Huntington, Columbia City & Northern Traction Co., which is to build a line between this city and Goshen the coming season.

PARIS, ILL.—Several electric lines radiating from this city will be constructed by the Paris Traction Co., recently organized. According to present plan the lines will go to Charleston, Champaign, Ridge Farm and to Indiana state line. Incorporators: Andrew J. Hunter, F. L. Kidder, Chas. P. Hitch and Hugar L. Hodge, of Paris; John J. Cummings, of Chicago.

ROCKORD, ILL.—The Rockford Belt Ry. Co., with its principal offices in Chicago, has been incorporated at Springfield, Ill., to construct a belt connecting railway here.

GENESEE, WIS.—A franchise has been obtained for construction of an electric road from Genesee to Waukesha for both freight and passenger traffic. Work will begin soon. The main purpose of the line will be the development of stone quarries owned by Geo. W. Sayles, 208 Sixth St., and John Lee, 211 Michigan St., Milwaukee.

MADISON, WIS.—The Madison Traction Co., reorganized, filed articles of incorporation with a capital of $750,000. It is believed a trolley line around Lake Monona and then south to Stoughton, Janesville and other points is contemplated.

GRINNELL, IA.—Articles of incorporation have been filed with Secretary of State by the Grinnell Electric Interurban Ry. Co. Capital stock $10,000. The ultimate scheme is to build a line from Grinnell to Independence via Vinton, Ia.; and also the construction of other lines with Grinnell as central station.

SIOUX CITY, IA.—Jos. S. Lawrence, Gen. Mgr. Sioux City Traction Co., announces that the company contemplates the following improvements for the year 1905, and that work would start as soon as weather permitted: Widening of tracks on Pierre, Fourth and Pearl Sts. to the standard gage. Large quantities of new rails will have to be used. In some places new ties will be inserted. New heating and lighting plants will also be constructed. The company was granted franchises for these at an election held last fall. Plans for the buildings are now in the hands of the engineers. Miles of new mains will have to be laid, and it is estimated that it will take nearly a year to complete this work. M. W. Lake is Ch. Engr.

EXCELSIOR, MINN.—The Village Council has granted an electric railway franchise to U. P. Hord, of Philadelphia; E. J. Phelps, F. E. Kenaston and Judge Robt. Jamison, of Minneapolis. It is thought that the company is contemplating the building of a road from Minneapolis to Mankato, which is to be known as the Minneapolis-Nankato electric railway.

LITTLE ROCK, ARK.—It is stated that an electric road will be constructed from Little Rock to Hot Springs. L. Garrett, of Springfield, Mo., is interested and states that a part of the capital is already pledged.

PORTLAND, ORE.—The Portland Consolidated Ry. Co. will extend Mississippi Ave. branch to connect with the St. Johns railway on Killingsworth Ave. Building will commence when property owners have secured right of way. H. O. Stipe is Ch. Engr., 421 Mohawk Bldg.

SAN FRANCISCO, CAL.—The United Railroads Co. is planning to reconstruct the Sutter St. system and will install an overhead electric trolley system in place of existing cable system. Geo. F. Chapman is Gen. Mgr., Rialto Bldg.

SAN FRANCISCO, CAL.—The Board of Works has granted a permit to United Railroads, of San Francisco, to change the present steam railroad from California St. and Central Ave. to Cliff House into an overhead electric system over same route. The Supervisors' Street Committee have recommended a resolution granting United Railroads permission to use electricity on that portion of the road on California St., between Parker and First Ave. The Committee also favored the use of iron poles on the system.

HAMILTON, ONT.—Plans and surveys are being prepared by the Hamilton, Grimsby & Beamsville Electric Ry. Co. to extend its line four miles from Vinemount so as to form a connection with Niagara, St. Catharines & Toronto Electric Railway. W. Jones is Ch. Engr., Stony Creek, Ont.

OTTAWA, ONT.—The Ottawa River Electric Ry. Co. has awarded a contract to F. McGRATH, of Easton, Pa., for construction of an electric railway between Montreal and Ottawa.

TORONTO, ONT.—Plans are being prepared by the York & Toronto Radial Ry. Co. for extending its radial railway around Toronto. The extension from Long Branch to Oakville will be undertaken at an early date.

VICTORIA, B. C.—It is learned that the British Columbia Electric Ry. Co. intend constructing a branch line to the Gorge this coming summer.

LIGHT, HEAT AND POWER PLANTS.

The names of parties awarded contracts are printed in capital letters.

PORTLAND, ME.—Universal Gas Light, Heat & Power Co. has been incorporated with capital of $300,000. President and Treasurer, S. S. Poole, Brookline, Mass.; B. M. Donald, Melrose, Mass., and H. L. Cram, Portland, Me.

ORANGE, MASS.—E. T. Thomas, of Orange, Millers Falls & Northfield Street Ry. Co., informs us that all plans are in progress for proposed power plant to be located at Ewing. Many contracts have been let, and others are still under consideration. Previously mentioned.

BUFFALO, N. Y.—C. M. Moore, Deputy Engr. Comr., informs us that Department of Public Works has been ordered by Common Council to submit an estimate of cost of a municipal electric light and power plant to light city streets, public buildings, and to furnish electric light and power to the inhabitants of Buffalo. It will be operated by steam, and have a capacity of 5,000 2,000 c. p. arc lights and 20,000 16-c. p. incandescent lights for buildings, etc. Commissioner Francis G. Ward recently estimated cost at $3,000,000, according to local papers.

BUFFALO, N. Y.—The Iroquois Electric Co., of Buffalo, has been incorporated, with a capital of $1,000,000, to manufacture electricity for light, heat and power in North Tonawanda, Buffalo, Tonawanda, and villages and towns in Erie and Niagara counties. Directors: Gen. Francis V. Greene, Edmund Hayes, Wm. H. Hotchkiss, Geo. K. Birge, Wm. H. Gratwick, and others, of Buffalo.

NEW YORK, N. Y.—The Board of Aldermen has voted $25,000 stock for plans and specifications for a municipal lighting plant. From the estimates of Cary T. Hutchinson, employed to prepare the plan, the entire $25,000 will be required for assistants and inspectors, excluding his own salary of $5,000. The system, according to the engineer, will cost $4,100,000. A final report will be submitted by the engineer on March 1.

A report has been submitted to Board of Estimate by special committee appointed to prepare estimates for a municipal electric lighting plant for Manhattan and Bronx boroughs. The committee, Cary T. Hutchinson, George F. Sever, and Nelson P. Lewis, estimate that the total cost of a system capable of serving 6,000 arc lamps and 250,000 16-c. p. incandescent lamps will be about $4,100,000, exclusive of cost of the site. "The total cost of a power-station, with a capacity of 10,000 kilowatts, including coal storage, coal handling apparatus, building complete, boiler plant equipment, engines, generators, switchboards, ready to deliver power to high pressure feeders, interest during construction, but excluding site, will be $1,250,000. The total cost of high pressure cables, sub-station buildings, transformers, switchboards, arc lighting circuits, centers of distribution for incandescent lighting, lamp-posts, lamps, meters, and all appliances necessary to make a complete operative plant up to and including the lamps, including the cost of real estate, but excluding the cost of the main duct system, all for the capacity of 6,000 watt arc lamps in Manhattan and the Bronx, and for 250,000 16-c. p. incandescent lamp equivalents, will be $2,850,000. The total cost of operating this plant for 6,000 arc lamps and 250,000 16-c. p. equivalents, including all operating expenses, depreciation at 7.5 per cent., and interest at 3.5 per cent., is $900,000 a year." The Board has taken no action.

NEW YORK, N. Y.—Amendments to the Sundry Civil Appropriation bill for the lighting of Ambrose Channel, New York Bay, have been favorably reported by the Senate Committee on Commerce. For a lightship, equipped with a fog signal, to be stationed near the sea entrance of the channel, $90,000 is appropriated; for a lighthouse to form part of a range, $125,000, and for a tank-light vessel to be moored at the junction of Ambrose and Main Ship channels, $15,000 is appropriated.

HIGHLANDS, N. J.—It is proposed to construct waterworks and an electric light plant at a cost of $25,000. Engineer has not yet been selected. The question will be voted upon. P. N. Cornwell is Mayor; G. W. Hardy is Boro. Clk.

GRAHAM, N. C.—Henry A. Pressey, C. E., 1416 F St., N. W., Washington, D. C., is preparing plans for waterworks, electric lighting and ice plant for this place. Bids will be received about March 1.

DARLINGTON, S. C.—The Carolina Water, Light & Power Co., incorporated at Marion, S. C., with $250,000 capital, has purchased the plant of the Darlington Light & Water Co., and will expend about $40,000, it is reported, in improvements.

BRANCHVILLE, S. C.—City will install electric light and power plant, to be operated by steam. Wm. Warren is Mayor; G. M. Noble, Clk. Prices are wanted on boiler, dynamo, engine, and all necessary equipment for this plant.

NEW ALBANY, MISS.—The city has voted to issue $20,000 of bonds for electric light plant. Wm. F. Wilcox is Engr.

PLAQUEMINE, LA.—The Plaquemine Electric Light & Power Co. will erect electric light plant here. John J. Price, Clinton, Mo., is Engr.-in-Charge.

SHREVEPORT, LA.—Bids are asked until April 11 for electric lighting of this city for periods of five and ten years. C. G. Rives, Comptroller.

LAWRENCEBURG, KY.—Commercial Club is raising funds for erecting an electric light plant. Bids may be received next month.

CLEVELAND, O.—Bids are asked until Feb. 17 by Board Public Service for supplying city with about 3,000 burners, for incandescent gas street lamps, and about 10,000 parts of burners exclusive of gas cock; about 5,000 ventilators for street gas lamps, 20,000 mica chimneys, 6-piece, 6-in. for incandescent vapor lighting; 125,000 glass chimneys 6-in. straight Zena, Thermo or Gisun chilled-proof glass without air holes, for incandescent gas lighting; 20,000 16-in., and 3,000 14-in. glass boulevard globes; 10,000 14-in. glass boulevard globes; 2,000 15-in. glass boulevard domes for incandescent gas lighting; 2,000 street gas lamp frames; 5,000 double end bolts for street gas lamp frames; 150,000 single weave cap mantles for incandescent street gas lighting; and 2,000 gasoline burners for incandescent street lighting. A. R. Callow, Secy.

NORWALK, O.—Bids are asked until March 21 for furnishing lights for ten years for lighting city streets, etc., by means of a system of electric lamps or gas lamps or a combination lamp. T. P. Kellogg, Clk. Bd. Pub. Service. (Advertised, Engineering News.)

LOCKPORT, ILL.—Bids are asked by S. D. Griffin, Clk., Sanitary District of Chicago, Security Bldg., Chicago, until April 12, for building a concrete power-house, 160 × 386 ft., 100 ft. high. It is to contain nine turbine chambers, with bulkheads designed for a working head of 34 ft. of water; a generator room, 62 × 350 ft.; and offices, 20 × 62 ft. (Advertised, Engineering News.)

SHIRLEY, IND.—B. T. Martindale, Secy. Commercial Club, has stated that bids will be received about May 1 for the construction of water-works and an electric light plant. Probable cost, from $15,000 to $25,000.

KEOKUK, IA.—The U. S. Senate has passed a bill authorizing the Keokuk & Hamilton Water Power Co. to construct a dam across the Mississippi River at the foot of the Des Moines Rapids, between Keokuk, Ia., and Hamilton, Ill. It will have a crest from 30 to 35 ft. above standard low water, with a length of 5,000 to 7,000 ft. Project will produce 60,000 effective HP. constantly, and this is to be utilized for industrial and other purposes in the vicinity. It will cost $3,000,000. Previously noted. Lyman E. Cooley, Chicago, Ill., is Engr. A. E. Johnson, Pres. of the Keokuk Savings Bank; Judge William Logan, Pres. of the State Central Savings Bank, and ex-Governor John N. Irwin, are interested in project.

ALMA, NEB.—M. A. Earl, Consult. Engr., 119 Monroe St., Chicago, has prepared plans and specifications for a water and light plant for this city, for which bids will be received after March 1 by the City Clerk. City will vote on Feb. 21 on bond issue of $17,500.

TEKAMAH, NEB.—City will vote on question of issuing $10,000 of bonds for installing an electric lighting plant.

STURGEON, MO.—City has voted to issue bonds for installation of an electric light plant.

HIGBEE, MO.—W. K. Palmer, Consult. Engr., 718 Dwight Bldg., Kansas City, Mo., has prepared plans and specifications for new electric lighting plant and lighting system for the Higbee Electric Light, Heat & Power Co., at Higbee.

DALLAS, TEX.—The lights and electrical committee and public improvements committee have recommended that city should build an electric light plant, provided the charter is amended authorizing the issuance of bonds and city favorably votes upon the bonds, we are informed by J. B. Winslett, Cy. Secy. G. H. Irish is member of lights and electrical committee and W. Felton, of improvement committee.

ANADARKO, OKLA.—Contract for construction of an electric lighting plant has been awarded to THE UNION LIGHT & POWER CO., of El Reno, Okla., at $10,455.

DENVER, COLO.—The Denver Gas & Electric Co. is having plans drawn for buildings, which will permit doubling the capacity of the present system. One building, to be immediately erected, will cost about $100,000. During the next nine months about $400,000 will be expended in new mains and accessories. Paul Doty is Mgr.; C. W. Humphrey is Ch. Engr.

GLENWOOD SPRINGS, COLO.—F. H. Whiting, Ch. Engr. of the Colorado Power & Irrigation Co., accompanied by R. F. Whiting and George McFadden, of Denver, have started preliminary work on new power plant to be built at Grizzly Creek, which will take its water from Shoshone Falls. L. W. Beard, of Decorah, Ia., is Pres.

SEATTLE, WASH.—Bonds for $250,000 will be sold at once to provide for extension of lighting system.

BRIDGES.

The names of parties awarded contracts are printed in capital letters.

READVILLE, MASS.—Contract for constructing pile trestle over Neponset River, at Readville, for Blue Hill Street Ry. Co., 84 State St., Boston, has been awarded to the MAYO CONTRACTING CO., 43 Tremont St., Boston. Stone & Webster, Engrs., Boston.

PROVIDENCE, R. I.—Bids are asked by Board of Commissioners, 227 State House, until March 22 for building approaches for Rhode Island stone bridge. Approaches consist of masonry walls and arches with roadbed, sidewalk and work incidental thereto. Length of structure including draw 1,625 ft.

Bids will be received at the same time and place for building draw span for Rhode Island stone bridge. Bids will be entertained for a single or double-leafed bascule bridge and for a swing bridge. Channel must have a clear way of 100 ft. Plans and specifications may be seen at office of O. Perry Surle, C. E., 146 Westminster St., City. (Advertised, Engineering News.)

BELLE HAVEN, CONN.—Contract for constructing arch bridge of stone near here has been awarded to JOHN O. MERRITT, of Portchester, N. Y.

BUFFALO, N. Y.—Bids are asked by Department Public Works until Feb. 22 for furnishing material and constructing substructure of a bascule bridge at Ohio St. across Buffalo River. Francis G. Ward, Comr.

SYRACUSE, N. Y.—It is proposed to construct a bridge across Oswego Canal at Willow St.; span 70 ft.

BINGHAMTON, N. Y.—We are informed that the OWEGO BRIDGE CO. has been awarded the contract for repairing Tompkins St. bridge for $1,950. D. C. Herrick is Cy. Engr.

ALTOONA, PA.—It is stated that the Pennsylvania R. R. Co. is having plans prepared for a steel bridge, 168 ft. span, over tracks at Seventh St. The city will share the cost. W. H. Brown is Ch. Engr., Philadelphia. Harvey Linton is Cy. Engr.

HARRISBURG, PA.—Bids are asked by J. M. Shumaker, Supt. Pub. Grds. and Bldgs., until Feb. 28 for rebuilding substructure and superstructure of highway bridge across Penns Creek.

WASHINGTON, D. C.—Plans for bridge to be built by Baltimore & Ohio R. R. Co. on New York Ave., N. E., have been approved by District Engineer. It will be 600 ft. long, of steel and concrete. Cost, $175,000. D. D. Carothers is Ch. Engr., Baltimore, Md.

PARKERSBURG, W. VA.—It is reported that the B. & O. R. R. Co. will reconstruct its bridge which crosses the Ohio River at this point. The piers will not be removed.

HATTIESBURG, MISS.—A steel bridge will be constructed over Hallahala creek. County Clerk can inform.

AMITE CITY, LA.—Bids are asked by Tangipahoa Parish Police Jury until March 6 for removing and reconstructing steel bridge over Tangipahoa River, near Davies Ferry Crossing.

CINCINNATI, O.—The Cincinnati, New Orleans & Texas Pacific R. R. Co. will spend about $800,000 for steel bridges. G. B. Nicholson is Ch. Engr., City.

CINCINNATI, O.—Bids are asked by County Commissioners until March 8 for purchase of $25,000 Benson St. bridge bonds. Geo. C. Zimmermann, Clk.

TOLEDO, O.—All bids for the repair of St. Clair St. draw bridge have been rejected by Board Public Service as being too high.

WABASH, IND.—We are informed that the contract for constructing viaduct over Charley creek has been let by County Commissioners to JOHN A. ROSS, of Frankfort, Ind., on the Kahn system, for $7,100. W. L. Davis, County Audr.

INDIANAPOLIS, IND.—County Commissioners have awarded to MOORE-MANFIELD CO., the contract for constructing substructure of River Ave. bridge, across White River, for $53,687; and to the NEW CASTLE BRIDGE CO., for constructing superstructure, at $58,350.

VALPARAISO, IND.—Bids are asked by Porter County Commissioners until March 6 for construction of a 40-ft. steel bridge on concrete and piling foundation. S. P. Corboy, County Audr.

VINCENNES, IND.—The Commons Bridge Co. was the lowest bidder for constructing an iron bridge in Harrison Township, at $2,435.

CRAWFORDSVILLE, IND.—County Commissioners will soon ask for bids for construction of an iron bridge over Coal creek. James A. Harding is County Engr.

GRAND RAPIDS, MICH.—Estimates for Ann St. bridge have been submitted to Board Public Works by City Engineer Anderson.

IONIA, MICH.—The Massillon (O.) Bridge Co. were lowest bidders, Feb. 2, for constructing Cleveland St. bridge, at $11,950.

PONTIAC, MICH.—A bond issue of $16,000 has been authorized by City Council for bridges and sewers.

CHICAGO, ILL.—Plans have been completed by Commissioner Biocki of the Department Public Works for the new bascule bridge at North Ave. Bids will be advertised for at once.

DES MOINES, IA.—Bids are asked by Board Public Works until Feb. 23, 11 a. m., for pile wagon bridge approach to south end of East Sixth St. bridge.

DES MOINES, IA.—John W. Budd, Cy. Engr., has completed plans for the two additional arches on Sixth Ave. bridge. Cost, about $40,000.

DES MOINES, IA.—The contract for construction work for earth approaches to East Sixth St. bridge has been awarded to SMITH & SWEENEY.

ST. PAUL, MINN.—The Assembly awarded contract for flooring Third St. bridge to FIELDING & SHEPLEY, for $10,320.

TOPEKA, KAN.—We are informed that contracts for bridge work (bids received Feb. 6) have been let as follows: Two 10 ft. span I-beam culverts, M. F. WALL, Topeka, $785; three 72 ft. span truss bridges, each with two 16 ft. approaches, TOPEKA BRIDGE & IRON CO., Topeka, $9,080; two 75 ft. span arches, Melan arch extension, 175 ft. over all, MARSH BRIDGE CO., Des Moines, Ia., $24,200. James F. McCabe is Cy. Engr.

VALLEY CITY, N. DAK.—Bids are asked by County Commissioners until March 4 for constructing two steel bridges, one 120 ft. span, and one 90 ft. span. T. M. Gunderson, County Audr.

HELENA, MONT.—We are informed that the contract for constructing four steel bridges has been awarded to M. A. ADAMS CO., of Minneapolis, Minn., for $9,000.

LOS ANGELES, CAL.—Harry F. Stafford, Cy. Engr., is preparing plans for a bridge 400 ft. long on Fourth St.

TOMBSTONE, ARIZ.—Bids are asked by Board of Supervisors until March 1 for construction of two steel bridges across San Pedro River. J. J. Bowen, Chn.

GODERICH, ONT.—County Council will build three new bridges the coming summer.

PAISLEY, ONT.—Tenders will soon be received by Greenock Township Council for rebuilding Watson's bridge, steel superstructure on cement abutment.

MINNEDOSA, MAN.—Tenders will be received by E. B. Fisher, Vil. Clk., until Feb. 28 for rebuilding and extending the Main St. iron bridge.

PRINCE ALBERT, SASK.—A contract, it is reported, has been given to J. GUNN & SONS of Winnipeg, Man., for building new steel bridge of Canadian Northern, to consist of nine spans of 150 ft. each and 100 ft. above low water, with concrete piers, over the South branch of the Saskatchewan River, about 15 miles above this place.

BUILDINGS.

The names of parties awarded contracts are printed in capital letters.

HANOVER, N. H.—Dartmouth Hall will be rebuilt. Work will begin in the spring. $170,000 has been subscribed.

FAIRHAVEN, MASS.—Henry H. Rogers, it is announced, will give $200,000 high school building to this village.

NORTHAMPTON, MASS.—The recent gift to Smith College of $100,000 by John D. Rockefeller will be expended, it is said, in erection of a college administration building at 50 Elm St.

HARTFORD, CONN.—The New York, New Haven & Hartford has awarded contract to HORTON & HEMENWAY, of Boston, Mass., for erection of two brick freight houses; one 50 × 800 ft. and the other 30 × 800 ft., at this place.

BROOKLYN, N. Y.—Jackson & Rosencrantz, Archs., 31 Union Sq., Borough of Manhattan, have plans ready for bids for the Young Men's Christian Association building, to be erected at Bedford Ave. and Monroe St. Cost, about $300,000.

Contract has been awarded for constructing South Brooklyn Carnegie library. It will cost $90,000.

Board of Estimate has authorized expenditure of $200,000 for terminal improvements at Manhattan end of Brooklyn bridge.

CANANDAIGUA, N. Y.—Welson Potter, Arch., 3 Union Sq., New York, informs us that bids were received for academy building here on Feb. 4, but no contract has yet been awarded.

FLUSHING (L. I.), N. Y.—Morris Kantrowitz, Albany, N. Y., was lowest bidder for construction of new state armory, at $62,777. Hudson Valley Construction Co., Troy, N. Y., bid $62,900.

GLOVERSVILLE, N. Y.—An appropriation of $100,000 has been voted for a new high school building. J. W. Rice is Clk. Board of Education.

NEW YORK, N. Y.—A $1,000,000 donation has been received by the Union Theological Seminary, at 700 Park Ave. A new group of university buildings will be planned. Charles R. Gillett is Secy.

NEW YORK, N. Y.—Bids are asked until 2 p. m., Feb. 21, for construction of an addition to out-building at Sandy Hook life-saving station. S. I. Kimball, Gen. Supt.

NEW YORK, N. Y.—Bids are asked until Feb. 21 by John F. Ahearn, Pres. Manhattan Boro., for electric wiring system in the Criminal Courts building.

Bids are asked until Feb. 24, 10.30 a. m., for metallic and wood furnishings, electric work, etc., in Department of Finance rooms in basement of Hall of Records building, Chambers, Reade and Centre Sts. John F. Ahearn, Boro. Pres.

NEW YORK, N. Y.—Bronx Theater Co. has been incorporated, with $100,000 capital, to build a 3-story theater at Franklin Ave. and 165th St., Bronx.

The Contractors' Cooperative Co., 39 East 42d St., will erect an apartment house on Broadway, between 123d and 124th Sts., to cost about $850,000. H. W. Howard, Jr., is Pres.

The Cotton Exchange may erect a 20-story building at 70 Beaver St. It would cost $1,500,000.

Robert Maynicke, 298 Fifth Ave., Arch., has prepared plans for a 5-story brick store and office building, 60 × 115 ft., to be erected at 126-128 Fifth Ave., for The Fifth Ave. and Eighteenth St. Realty Co. It will cost $400,000. Henry Corn, 667 Madison Ave., is Pres.

E. R. L. Gould, 281 Fourth Ave., informs us that no steps have yet been taken to secure plans for Phipps tenements. It is probable that something will be definitely decided this week. Noted on Feb. 2.

TROY, N. Y.—Andrew Carnegie has given $125,000 to the Rensselaer Polytechnic Institute for purpose of rebuilding main building destroyed last June. $300,000 is now available. Palmer C. Ricketts is Pres.

JERSEY CITY, N. J.—Board of Finance has authorized issuance of $200,000 of bonds for new city hospital. Clinton & Russell, Archs., 32 Nassau St., New York, have prepared plans for this building.

HOBOKEN, N. J.—Plans have been prepared for new Morton chemical laboratory building at Stevens Institute. It will cost about $75,000. $100,000 will be available for building and site.

PITTSBURG, PA.—Plans have been completed by Palmer & Hornbostel, Archs., for new Carnegie Technical school. Buildings will cost $5,000,000. Bids will be received soon.

The Commonwealth Realty & Construction Co., of New York, has purchased property at 412-414 Grant St. A 14-story building of modern steel construction will be erected on this site in the spring. Edward J. Schellentrager is Arch.

It is stated that Henry C. Frick and associates will spend about $50,000,000 in constructing a subway to East Liberty, six miles away, and building an office building at terminus of subway. The building, which would be about 25 stories high, is to be erected at Grant St. and Fifth Ave. Estimated cost, $7,000,000.

Benjamin Thaw will build an 8-story office building at Wood St. and Third Ave., to cost about $100,000. Wm. Glyde Wilkins, Westinghouse Bldg., is Arch.

The D. C. Irish estate will erect a $100,000 store and business block at Penn Ave. and Eighth St.

ALLEGHENY, PA.—Plans are being prepared for a $140,000 industrial and trade school building. F. C. Sauer, Penn Bldg., Pittsburg, is Arch.

PHILADELPHIA, PA.—Bids will soon be received by Henry L. Reinhold, Jr., 1004 Chestnut St., for a building for the Hospital for the Insane of Delaware county.

McKEESPORT, PA.—H. S. Estep, Publication Bldg., Pittsburg, is reported taking bids on the Masonic temple, at this city. Cost, about $85,000.

BALTIMORE, MD.—Thomas Riley, 1616 Thompson St., Philadelphia, Pa., was the lowest bidder, at $255,000, on construction of Eastern High School, at Broadway and North Ave. Plans prepared by Simonson & Pietsch, Archs., Hoen Building, 302 East Lexington St.

BALTIMORE, MD.—Bids will be received on Feb. 16, noon, for constructing Keyser office building at German and Calvert Sts. R. Brent Keyser, 14 East Mt. Vernon Pl., is interested. Wyatt & Nolting, 2 East Lexington St., are Archs.

WASHINGTON, D. C.—The Metropolitan Citizens' Bank will erect an 8-story bank building to cost $400,000. Previously mentioned.

Architects have been requested to prepare plans, which are to be submitted by March 15, for a group of thirteen buildings for George Washington University. They will be located on square bounded by Virginia Ave., C St., 18th and 17th Sts., N. W. Estimated cost will be as follows: An administration building, $500,000; an alumni hall, $150,000; a hall for law politics and diplomacy, $150,000; Corcoran Hall, $125,000; a hall for the school of architecture, $60,000; eight dormitories, to be separate or in block, $150,000. The architects interested are: Hornblower & Marshall, of Washington, D. C.; Delano & Aldrich, Hale & Morse, Geo. B. Post and Wm. A. Boring, all of New York, and Parker & Thomas, of Boston, Mass., and Baltimore, Md. Prof. Percy Ash may be addressed.

Board of Directors of Metropolitan Club, 17th and H Sts., N. W., has decided to replace building recently burned, with $250,000 one.

WASHINGTON, D. C.—Bids are asked until March 8 for cut-stone work for exterior facades and court walls of the House of Representatives office building. Elliott Woods, Supt., U. S. Capitol Bldg. and Brounds. (Advertised, Engineering News.)

WHEELING, W. VA.—The Standard Construction Co., First National Bank Building, Chicago, Ill., was lowest bidder on marble and gray granite, at $263,000 and $256,000, respectively, and Richardson & Burgess, Washington, D. C., lowest bidder on white granite, at $259,815, for the construction of post office, court house and custom house.

AUGUSTA, GA.—A $100,000 cotton warehouse will be erected in this city, according to press reports, by cotton merchants.

MERIDIAN, MISS.—Bids, it is reported, will be received soon by the Meridian Terminal Association for building the new union passenger station. Noted last week.

NASHVILLE, TENN.—The Castner-Knott Dry Goods Co. will build a 6-story building, to cost $200,000, on Church St. Maj. E. C. Lewis will supervise the construction, it is reported.

LAWRENCEBURG, TENN.—Bids are asked until March 1 for the erection of a court house for Lawrence County. M. Richardson, Secy. Com.

KNOXVILLE, TENN.—Thomas H. Morgan, Arch., Prudential Bldg., has prepared plans for a 10-story fireproof building to be erected for the Mechanics' National Bank.

MEMPHIS, TENN.—A site has been secured at Main and Madison Sts. by Robert E. Lee and Bayliss G. Lee. An office building will be erected.

OLSON & LESH have contract, at $120,000, for erection of 5-story building for John W. Dillard and Mrs. R. L. Coffin.

CHATTANOOGA, TENN.—J. T. Lupton will erect a $100,000 apartment house at McCallie and Georgia Aves.

LOUISVILLE, KY.—Brinton B. Davis, Arch., Masonic Bldg., is stated to have plans under way for an auditorium which will cost $70,000. James B. Camp may be interested.

PORTSMOUTH, O.—Architects are asked to submit plans until March 6 for building superstructure of a Catholic church, with transept, to seat 700 persons. To be of brick, with stone trimmings, brick foundation, slate roof and plastered walls. To cost $35,000 to $40,000 with unfinished towers. Plans are to include steam heat, electric and gas lighting, etc. Geo. E. Kricker, Central Savings Bank, may be addressed. (Advertised, Engineering News.)

CINCINNATI, O.—Bids will be received soon, it is said, by D. H. Burnham & Co., Railway Exchange Bldg., Chicago, for a bank and office building, to be erected here for Fourth National Bank, Cincinnati. To be 12 stories, built of granite, brick and terra cotta, composition roof, fireproof construction, steam heating; probable cost, $400,000.

COLUMBUS, O.—James Knox Taylor, Supervising Arch., Treasury Dept., Washington, D. C., has recommended that $275,000 be appropriated for an addition to government building here.

TOLEDO, O.—Langdon & Hohly, Archs., The Spitzer Bldg., have plans for $150,000 addition to Hotel Rachel Ann.

COLUMBUS, O.—Bids will be received soon, according to report, by Frank L. Packard for a 16-story office building, to be erected on East Broad St., for the Capitol Savings & Trust Co. Fireproof, of granite, terra cotta, brick and steel. Cost, about $750,000.

CINCINNATI, O.—It will be several months before contracts for new hospital building are awarded, we are informed by Samuel Hannaford & Sons, the Archs. recently commissioned to prepare plans. Hospital, as previously noted, will cost $1,000,000. E. O. Bathgate is Pres. of City Council.

OBERLIN, O.—Andrew Carnegie has offered to give $125,000 to Oberlin College for a library upon condition that $100,000 be raised by the college for maintenance. Henry C. King is Pres.

CLEVELAND, O.—F. S. Barnum & Co., Rose Bldg., are preparing plans for five new school buildings. They will cost about $230,000. Charles Orr is Dir. Bd. of Education.

City Hall Commission has asked for $500,000 with which to begin construction of new municipal building. Plans have been prepared by J. Milton Dyer, Arch., 801 Cuyahoga Bldg.

FT. WAYNE, IND.—It is reported that the Corporation Finance Co., of Indianapolis, will erect a 6-story fireproof hotel at Berry and Harrison Sts., to cost about $330,000. H. C. McCallum is local representative.

A. B. Jones, Mgr. of the Crawford House, and others, it is reported, are contemplating the erection of a $400,000 hotel on site of the New Aveline.

Bonds will be issued for $125,000 for rebuilding West Jefferson St. and Hanna St. schools.

E. G. Davis will erect a 6-story hotel, costing $300,000, in this city, Plans prepared by J. M. Wood.

GOSHEN, IND.—P. H. McCORMICK & CO., of Columbus, Ind., were awarded contract, at $46,445, for building Elkhart County court house.

CHICAGO, ILL.—It is reported that bids will be received by Holabird & Roche, Monadnock Block, Chicago, on an office building, to be erected at Jackson Boulevard and State St., for M. L. Rothschild, 3725 Michigan Ave. It will be 12 stories, 38 × 100 ft., of brick, stone, steel and terra cotta. Cost, $200,000.

It is stated that Frost & Granger, Archs., 184 La Salle St., have plans ready for superstructure of bank building to be erected at La Salle and Monroe Sts. Northern Trust Co., 217 La Salle St., is owner.

EVANSTON, ILL.—Plans have been prepared by James Gamble Rogers, 1314 Ashland Block, Chicago, and Charles A. Phillips, 228 Greenwood Boulevard, Evanston, Archs., for proposed public library. It will be erected at Orrington Ave. and Church St. Cost, $100,000.

PEORIA, ILL.—Reeves & Baillie, Archs., Y. M. C. A. Bldg., have plans for proposed Leisy building, to be erected at South Jefferson Ave. and Fulton St.

LACROSSE, WIS.—J. C. Llewellyn, Arch., 153 La Salle St., Chicago, has prepared plans for a 2-story school building for Board of Education. Cost, $100,000.

ELLSWORTH, WIS.—Bids are asked until Feb. 23, 1 p. m., for erecting new court house, remodeling county office building and building a fireproof jail. O. J. Hohle, County Clerk.

DES MOINES, IA.—Bids are asked until Feb. 28, noon, for following work at new court house: Carpenter work; marble, tile and cement floors; plastering; electric wiring; ornamental iron work; painting and polishing; elevators; scagliola; art glass. Proudfoot & Bird, 712 Crocker Bldg., are Archs. Lew Burnett, County Audr.

KNOXVILLE, IA.—Contract for erecting three buildings and remodeling one building at the Asylum for Inebriates has been awarded to CHAS. WEITZ SONS, of Des Moines, at $66,367. Contracts for other portions of the work are stated to have been awarded as follows: Plumbing, to the DES MOINES PLUMBING CO., at $12,000; boilers and smokestack to the DES MOINES MFG. CO., at $4,200; electric machinery and equipment to ARTHUR FRANTZEN CO., at $6,500. All contractors of Des Moines, Ia.

SIOUX CITY, IA.—The Farmers' Loan & Trust Co. will erect a new block to replace the Toy building. It will be located at Fourth and Jackson Sts. James F. Toy is Pres.

ELBOW LAKE, MINN.—Bids are asked until March 9 for erecting a 2-story and basement stone and brick court-house. Bell & Detwiller, Minneapolis, Minn., are Archs. J. S. Arneson, County Audr.

MINNEAPOLIS, MINN.—Bids are asked by Frank T. Corriston, Lieut.-Col. First Infantry, M. N. G., Secy. Armory Board, until noon, Feb. 20, for constructing an armory. Bids are wanted on the general contract, exclusive of plumbing, heating and wiring, and separate bids on the latter. Plans, etc., at office of Ernest W. Langdon and C. A. P. Turner, Archs., 816 Phoenix Bldg.

OMAHA, NEB.—The Y. M. C. A. will soon receive bids for proposed 6-story and basement brick building, 132 × 132 ft., to be erected at 16th and Howard Sts. B. C. Wade is Gen. Secy.

CHEYENNE, WYO.—R. W. Bradley & Sons, of Cheyenne, have abandoned contract for officers' quarters, sheds, etc. Total value of contract was $75,478. Bids will be re-advertised.

KANSAS CITY, MO.—Sisters of St. Mary, of St. Louis, will establish hospital at 28th and Main Sts. Total cost of buildings will be $150,000.

Plans have been prepared by Frederick Gunn, Grand Office Bldg., and Walter Root, Postal Telegraph Bldg., for new city hospital. Cost, $250,000.

ST. LOUIS, MO.—Andrew Carnegie has donated $1,000,000 for the construction of one main library building and ten branch libraries. F. M. Crunden is Librarian.

ST. LOUIS, MO.—A 14-story addition to Missouri-Lincoln Trust Co. building, at Seventh and Olive Sts., is proposed. It will cost $250,000. John W. Harrison, A. P. Ghio, A. A. B. Woerheide and Jesse French are committee in charge of building matter.

The Evangelican Deaconess' Home and Hospital Society will receive bids for erection of a new hospital at 4117 West Belle Pl. Cost, $77,000.

KANSAS CITY, MO.—Plans will be prepared by Matt O'Connell, New Ridge Bldg., for 10-story office building, to be erected by E. T. Orear, Dwight Bldg., and L. M. Leslie. Noted on Jan. 19. Cost, about $17[illegible]

J. M. Curtiss will erect an office building at [illegible]11 Walnut St.

The Kansas City Union Depot Co. is said to have practically decided upon 22d St. and Grand Ave. as new union station site. The officials of the Kansas City Union Depot Company include J. W. Kendrick, [illegible] of the Santa Fe; S. M. Felton, Pres. of the Chicago & Alton; A. T. Perkins, Division Supt. of the Chicago, Burlington & Quincy; A. J. Earling, Pres. of the Chicago, Milwaukee & St. Paul; B. F. Winchell, Pres. of [illegible] Rock Island; J. A. Davidson, Pres. of the Frisco, and A. Allen, Pres. of the Missouri, Kansas & Texas. The railway companies are directly interested in project. Mr. Winchell is chairman of the board.

HOT SPRINGS, ARK.—Bids are asked for the erection and completion of a court-house, exclusive of the heating, lighting and plumbing, until March 7. W. [illegible] Parsons & Son Co., Des Moines, Ia., Archs. George H. [illegible], Building Comr.

DALLAS, TEX.—It is stated that Lucas Bros., [illegible] of St. George Hotel, will erect hotel to cost from $150,000 to $200,000.

DENVER, COLO.—A Swedish hospital, to cost $[illegible], is planned. E. W. Norlin is Secy. Charles Quayle, Opera House Block, and Walter L. Rice, Mack Block, are Archs.

A. R. Ross, 542 Fifth Ave., New York, is preparing revised plans and specifications for a Carnegie Library building, 75 × 100 ft., to be erected at Colfax Ave. and Courtland St. Estimated cost, $200,000.

PRESCOTT, ARIZ.—It is reported that Major C. C. Walcott, Construct. Q.-M., Fort Whipple, is now preparing plans and specifications for new construction work, for which $187,000 has been appropriated. It is said that bids will be asked about March 1.

WATER SUPPLY AND IRRIGATION.

The names of parties awarded contracts are printed in capital letters.

BROCKTON, MASS.—Contract for 29,000 ft. water service pipe has been let to J. H. Cunningham Co., Boston, Mass., for $1,453; contract for 1,500 lengths 6-in. and 250 lengths 10-in. pipe for construction work was let to LYNCHBURG FOUNDRY CO., 220 Broadway, New York. Bids were opened Feb. 3. H. Kingman is Supt. W.-W.

BOSTON, MASS.—Bids are asked by Water Department, Eugene S. Sullivan, Water Comr., until Feb. 21, for furnishing 830,000 lbs. iron castings and 29,000 lbs. composition casting; bids are also asked for transporting water pipe and materials between Boston and Brookline.

HADLEY, MASS.—Bill has been before legislature for establishment of water district in this town, with supply to be obtained from brooks on side of Mt. Holyoke.

BRISTOL, CONN.—We are informed that Bristol Water Co., R. W. Barney, Res. Engr., has plans under way for storage reservoir covering 40 acres and having capacity of 150,000,000 gallons. A dam is to be built of earth with masonry core. The company has already purchased of M. J. Drummond 10,450 ft. of 10-in., 12-in. and 14-in. mains for its extensions. Freeman C. Coffin, 53 State St., Boston, Mass., is Des. Engr.

BUFFALO, N. Y.—We are informed that it will probably be two or three months before any definite information can be given out regarding projected new pumping station. It is proposed to expend about $1,500,000 on the new pumping station and inlet pier and tunnel. Henry L. Lyon, Deputy W. Comr., is Des. Engr.

ROCHESTER, N. Y.—Board Contract and Supply has awarded contract for furnishing 4,300 tons cast-iron pipe for water main extensions to R. D. WOOD & CO., Philadelphia, Pa., for $109,200. E. A. Fisher is Cy. Engr.

ELIZABETH CITY, N. C.—Elizabeth City Water & Power Co., D. B. Banks, Engr., has awarded a contract to DOUGLAS, GILFOR & CO., Baltimore, Md., to build a filtration bed at Elizabeth City.

TREMONT, PA.—R. S. Bashowe writes us that no steps have been taken and none will be taken this year toward securing plans, etc., for water-works for proposed Citizens Water Co., of Tremont.

GRAHAM, N. C.—H. A. Pressey, Consult. Engr., 1416 F St., N. W., Washington, D. C., is preparing plans and specifications for water-works, electric lighting and ice plant at this place. Bids will probably be called about Mar. 1.

JACKSONVILLE, FLA.—We are informed that contract for furnishing triplex sewer pump and motor was let to SYDNES PUMP & WELL CO., 1326 E. Main St., Richmond, Va., at $1,525, and that contract for sinking 10-in. artesian well, 980 ft. deep, was let to HUGH PARTRIDGE, Jacksonville, Fla., for $3,200. Bids were received Feb. 6. R. N. Ellis is Supt. W.-W.

NEW ORLEANS, LA.—Bids are asked by Sewerage and Water Board, F. S. Shields, Secy., Geo. G. Earl, Gen. Supt., until April 18 for furnishing and erecting following machinery: Four 20,000,000-gallon pumping engines, three 40,000,000-gallon centrifugal pumps, three engines to operate pumps, one 20,000,000-gallon centrifugal pump, and engine to operate it, two 150-KW., 550-volt, D. C. generators and two engines to drive same, and six 400-HP. water tube boilers. (Advertised, Engineering News.) See also under Sewers and Miscellaneous Contracts.

CINCINNATI, O.—Bids are asked by Board of Trustees, "Commissioners of Water-Works," Elmer G. Prior, Clk., until March 17, for furnishing and delivering cast-iron pipe and special castings. (Advertised, Engineering News.)

YOUNGSTOWN, O.—Bids are asked by Board Public Service, G. T. Prosser, Clk., until March 3 for furnishing cast-iron water pipe, valves, fire hydrants, valve boxes and water meters. (Advertised, Engineering News.)

LORAIN, O.—Bids are asked until March 11 for construction of settling well near pumping station. J. J. Mahoney, Cy. Clk.

COLUMBUS, IND.—BENEFIEL BROS., Columbus, were awarded contract at $3,042 for furnishing two 250-HP. boilers, with foundations and smokestack.

SOUTH BEND, IND.—We are informed that contract for cast iron pipe for 1905, consisting of not less than 750 tons nor more than 1,200 tons has been let to U. S. CAST IRON PIPE & FOUNDRY CO. Contract for specials was let to same firm. Bids were opened Feb. 8, and pipe is to be used for extension of municipal water system. A. J. Hammond is Cy. Engr.

CLARE, MICH.—City votes to bond for $15,000 for new water-works plant and extensions of mains. Sherman & Glass, Toledo, O., are Engrs.; G. E. Burns is Cy. Clk.

DETROIT, MICH.—Bids are asked by Board Water Commissioners, Benjamin F. Guiney, Secy., until Feb. 21, for purchase of $150,000 of water bonds.

GLORAINE, ILL.—Standpipe of village water-works reported damaged by fire, with loss of $3,000 to $4,000.

CHRISMAN, ILL.—We are informed that contracts for material for city water-works to cost about $14,000 were let Feb. 7 as follows: Iron pipe, JAMES B. CLOW & SONS, Chicago, Ill.; hydrants, RENSSELAER MFG. CO., Troy, N. Y.; pumping machinery, FAIRBANKS, MORSE & CO., Chicago, Ill. Geo. C. Morgan, Chicago, Ill., was Cons. Engr.; J. M. Heidrick, Cy. Clk.

EUREKA, ILL.—The Mayor writes us that they want to install new water-works, including steel tower and tank. Supply would be from well.

WATERMAN, ILL.—Bids are asked until Feb. 28 by President and Village Board for furnishing machinery, material and labor for construction of water system. Work requires erection of brick pumping station, furnishing and installing 15-HP. or 20-HP. gasoline engine, furnishing and installing pump and connections, furnishing and installing 30,000 gallon steel tank and tower. S. M. Henderson, Village Pres.

IOWA FALLS, IA.—Bids are reported asked until March 6 for construction of pumping plant for this city. F. E. Foster, Cy. Clk.

SIOUX CITY, IA.—We are informed that proposed improvement, of city water-works is to consist of new station, and lowering of old pumps. This work is to be done by day labor under charge of J. M. Lewis, Cy. Engr., and N. D. Wilkinson, Ch. Engr., W.-W., and will cost $20,000. New mains and hydrants are to be placed and contracts for doing this will be let soon. Estimated cost is $25,000.

ST. PAUL, MINN.—Water Board has decided to expend about $50,000 this year on water main extensions. New mains ordered so far are as follows: 18,280 ft. 6-in., 8,485 ft. 12-in., 1,000 ft. 16-in., 2,000 ft. 8-in. L. E. Rundlett is Cy. Engr.

HOISINGTON, KAN.—Correspondence is invited by this city for purchase of $25,000 of water-works bonds. Plans and specifications for the water-works have been prepared by Burns & McDonnell, Consult. Engrs., 509 Dwight Bldg., Kansas City, Mo.

NORTH PLATTE, NEB.—Wm. Yost, Cy. Clk., writes us that city will not build water-works if present plant can be purchased at a reasonable figure. A $60,000 bond issue was recently voted for municipal water-works.

DEADWOOD, S. DAK.—Contract for improvement and extension of city water-works (bids received Jan. 25) is reported to have been let to HANLEY & RITCHIE, Iola, Kan., for $116,900.

EDGEMONT, S. DAK.—Council is stated to be taking steps to obtain public water-works, supply to be from well, and system of pipes and hydrants to be installed.

SEDALIA, MO.—Contract for erection of new plant for Sedalia Water, Gas & Electric Co., is stated to have been let to JOSEPH McWILLIAMS & CO., Louisville, Ky., for about $145,000.

NEW BOSTON, TEX.—Plans for new water system at this place for Bowie County have been made by Sidney Stewart, Arch., State National Bank Bldg., Texarkana, Ark.

DENVER, COLO.—Bids will be received at office of U. S. Reclamation Service, Denver, until April 10, for construction of concrete diverting dam and regulator and 6½ miles of canal with the auxiliary works, for the purpose of diverting the flow of water of Belle Fourche River, at point near Belle Fourche, and conducting same to reservoir six miles northeast of that town. Raymond F. Walter, Engr., Chamber of Commerce Bldg., Denver. (Advertised, Engineering News.)

MONTROSE, COLO.—Frank S. Ross, Deputy Clk., writes us that engineers are engaged on final surveys for town water-works improvements, to be made at estimated cost of $100,000. Bids on the work and for the bonds will be asked for some time in March.

TACOMA, WASH.—Commissioner Public Works has let contract for 750 ft. 10-in. wooden pipe and 4,000 ft. 16-in. pipe to WASHINGTON PIPE & FOUNDRY CO., Tacoma, for $4,500.

EVERETT, WASH.—Contract for construction of 15-mile irrigation canal, near Wallula, for Columbia Canal Co., U. K. Loose, Pres., Snohomish, Wash., is stated to have been let to WM. STANLEY, Seattle, Wash.

CHICO, CAL.—Chico Water Co., according to reports, is to erect steel tower to hold a 100,000-gallon tank.

ORANGE, CAL.—City Trustees have sold $50,000 issue of municipal water-works bonds.

LOS ANGELES, CAL.—We are informed that contract for furnishing 1,290 tons cast-iron water pipe was let Jan. 23 to U. S. CAST IRON PIPE & FOUNDRY CO.

SANTA ANA, CAL.—Bids are asked until Feb. 27 for furnishing cast iron water pipe, hydrants, gates, etc. Ed. Tedford, Cy. Clk.

SALT LAKE CITY, UTAH.—Bids are asked by City Council until Feb. 27 for purchase of $850,000 of water bonds and $150,000 of sewer bonds.

WINNIPEG, MAN.—Bids are asked until April 10, by Chairman Fire, Water and Light Committee for supply of about 1,750 tons of water pipe and specials. H. S. Ruttan is Cy. Engr.; C. J. Brown, Cy. Clk.

ESSEX, ONT.—Contract for improvements to water-works plant and reservoir is stated to have been let to FRANK BROWN for $2,050.

LEWISTON, IDAHO.—Contract for supplying city with 7,000 ft. of water pipe, hydrants, etc., has been let to CHARLES HAHN for $2,479.

SEWERAGE.

The names of parties awarded contracts are printed in capital letters.

BOSTON, MASS.—Board of Aldermen has passed $800,000 loan order for sewers. Noted last week.

NEW LONDON, CONN.—New sewers are to be built this year in Neptune, Montauk, Crystal and Glenwood Aves. and Orchard St. W. H. Richards is Supt. Sewers.

WHITE PLAINS, N. Y.—Senator F. M. Carpenter, of Westchester, has introduced measure providing for a Bronx Valley sewer draining White Plains, Greenburg, Scarsdale, East Chester and Mount Vernon, and discharging into the Hudson River near Yonkers. The bill authorizes an expenditure of $2,000,000. The bill will name three commissioners, who probably will be Mayor John E. Andrus, of Yonkers; J. J. Brown, of White Plains, and Edward F. Brush, of Mount Vernon.

BINGHAMTON, N. Y.—A bill has been passed authorizing the construction of a trunk line sewer in the Fourth Ward, to cost $80,000. Plans are reported being prepared by S. M. Baird, Cy. Engr.

LESTERSHIRE, N. Y.—The village trustees have authorized the construction of a trunk sewer through this village, to cost $35,000. J. E. Hill is Village Clk. Plans are being prepared by Knight & Hotchkiss, Engrs., Rome, N. Y.

NEW YORK, N. Y.—Bids are asked until Feb. 23 by John J. Pallas, Pres. Dept. Parks, for a pipe sewer in De Witt Clinton Park.

ELIZABETH, N. J.—W. H. Luster, Jr., City Surveyor, has completed a report providing for drainage of the western part of the city, it is reported.

NORRISTOWN, PA.—Bids are asked until March 1 for construction of 8-in. vitrified pipe sanitary sewer in Penn St. Wm. J. Wells, 1221 Arch St., Chn. Sewer Com. S. Cameron Corson, Boro. Engr.

PALATKA, FLA.—Contract for construction of sewerage system here (bids opened Feb. 1) has been let to GUILD & CO., Chattanooga, Tenn., for $33,329.

ABBEVILLE, LA.—It is reported that Richard C. Huston, of Fort Smith, Ark., has been engaged as engineer-in-charge of the construction of proposed water-works and sewer system. Cost, $45,000.

NEW ORLEANS, LA.—Bids are asked until April 18 for construction of 65 miles of sewers and appurtenances, ranging in size from 8 to 30-in. and in depth from 5 to 18 ft. Also 700 manholes and 275 flush tanks. Sewer work is to be divided into four contracts. F. S. Shields, Secy. Sewerage and Water Board. George G. Earl, Gen. Supt. (Advertised, Engineering News.) Bids also are asked for furnishing 15 miles of 16 to 48-in. cast-iron water pipe.

RAVENNA, O.—City will construct a vitrified tile sewer at a cost of $80,000. Engineer is W. E. Myers, of Kenton. S. J. Post is Village Clk.

NEW ALBANY, IND.—Contract for sewer system has been awarded to McNERNEY & CO., at $207,310.

BARTLESVILLE, IND. T.—Town has voted to issue $14,000 bonds for sanitary sewer system. Plans are being prepared. Bids will be asked soon for construction. Fred. McDaniels is Mayor; S. E. Bell, Cy. Recorder.

LANSING, MICH.—H. A. Collar, Cy. Engr., informs us that all bids opened on Jan. 30 for constructing brick and pipe sewers in Pine, Madison and other streets, have been rejected. Plans will be modified and new bids received. The lowest bid received was that of John H. Algate, of Lansing, at $24,437.

MONROE, MICH.—The Council has practically decided on the construction of a trunk line sewer on the south side of the city. It will be two miles long and will cost $100,000.

PERRY, IA.—M. A. Earl, Consulting Engr., 119 Monroe St., Chicago, is preparing plans for sewer system for this town. Bids will be received by the city clerk after April 1.

ST. PAUL, MINN.—ANDREW MARTINSON has been awarded contract for Superior St. sewer, at $3,070. Contract for Nugent St. sewer was let to same contractor, at $1,284.

TOPEKA, KAN.—Contract for constructing sewers in Sixth Ward (bids received Feb. 6) has been let to HANLEY & RITCHIE, Iola, Kan., for $79,892. James F. McCabe is Cy. Engr. Itemized bids will be given under Contract Prices.

HOUSTON, TEX.—Two lowest bidders Feb. 6 for construction of pipe sewers in Louisiana St. were F. C. Kelso, Galveston, Tex., at $15,476, and E. G. Trueheart, San Antonio, Tex., at $15,525.

BLACKWELL, OKLA.—City has voted $70,000 of bonds for the construction of sewer system and $5,000 for extending water-works. G. W. Hines is Clk. Burns & McDonnell, Dwight Bldg., Kansas City, Mo., are preparing plans and specifications for the work, we are informed.

DENVER, COLO.—Contracts for constructing storm sewers in Capitol Hill Storm Sewer Dist. No. 1 are stated to have been awarded as follows: To GAFFY & O'KEEFE, for Sub-Districts Nos. 8 and 9, at $28,901, and to the DENVER & PUEBLO CONSTRUCTION CO., for Sub-Districts Nos. 13 and 14, at $12,128.

NORTH YAKIMA, WASH.—Ernest McCulloh, C. E., informs us that city voted bonds for $57,000, at an election held on Feb. 7, for constructing about five miles of trunk sewer and drainage system. Mr. McCulloh will have charge of construction.

LOS ANGELES, CAL.—The contract for constructing sewer extensions was awarded by Board Public Works to HOWARD & LONG, City, for $82,000.

LOS ANGELES, CAL.—The Council has purchased brick for outfall sewer. The total purchase amounts to 19,881,700 brick. The LOS ANGELES PRESSED BRICK CO. will supply material for sections 4, 5, 6, and a portion of Section 3. The SIMONS BRICK CO. will furnish the material for Sections 1 and 2, and a portion of Section 3. The SOUTHERN CALIFORNIA BRICK CO. gets the contract for 2,000,000 brick for storm sewers and internal sewer system.

SAN PEDRO, CAL.—The contract for construction of four sections of Palos Verdes St. and Crescent Ave. outfall sewer has been awarded to RAMISH & MARSH, of Los Angeles.

SAN DIEGO, CAL.—Contract for digging sewer here has been let to HOWARD & LONG.

OCEAN PARK, CAL.—This city has voted to issue $25,000 of bonds; $20,000 of which is to be expended for a sewer system.

SALT LAKE CITY, UTAH.—Bids are asked until Feb. 27 for the purchase of $150,000 sewer bonds and $850,000 water bonds.

SALT LAKE CITY, UTAH.—Geo. W. Riter, Cy. Engr., has made preliminary drawing of proposed new sewer system, authorized by special election on Jan. 3.

STREETS AND ROADS.

The names of parties awarded contracts are printed in capital letters.

GENEVA, N. Y.—According to reports, bids will soon be received by Board Public Works for the paving of East North and Castle Sts.

ROCHESTER, N. Y.—The lowest bids received for paving Flint St. were submitted by H. N. Cowles, 47 Tacoma St., for brick, $26,310, and Whitmore, Rauber & Vicinus, 279 South Ave., for asphalt, $26,108.

SCHENECTADY, N. Y.—Plans are being prepared for widening of Broadway and it is expected that work will start in the spring.

BROOKLYN, N. Y.—Bids are asked by Martin W. Littleton, Boro. Pres., until Feb. 23 for regulating, repaving, curbing and laying sidewalks on various streets.

SYRACUSE, N. Y.—Bids are asked by Board of Contract and Supply until Feb. 20, 1.30 p. m., for paving Ellcott and Marshall Sts. with asphalt or vitrified brick. Geo. J. Metz, Cy. Clk.

OCEAN CITY, N. J.—It is reported that the contract for improvements in this city has been let to ED. C. CORSON.

JERSEY CITY, N. J.—Contracts for paving Plainfield Ave. and Orient Ave. have been awarded to JOHN NOLAN, 108 Bergen Ave., and to UVALDE ASPHALT PAVING CO., 2 Greene St., respectively. Bids opened Feb. 6. Geo. T. Bouton is Clk. St. and Water Bd.

AVON-BY-THE-SEA, N. J.—It is reported that bids will be received by Council until Feb. 20 for board walk and general beach improvements.

HARRISBURG, PA.—M. B. Cowden, Cy. Engr., informs us that contracts will be let some time in the spring for paving of Front and Maclay Sts. and Haehnlen Ave.

ERIE, PA.—Ordinance for paving West 26th St. was passed by Select Council.

BIRMINGHAM, ALA.—Bids will soon be received by City Council for grading 26th St., macadamizing driveway, paving gutters and curbing sidewalks. Est. cost, $8,500. J. C. Murray is Cy. Clk.

PADUCAH, KY.—We are informed that this city is contemplating the reconstruction of about 50 squares of streets and sidewalks in 1905. The kind of material has not yet been decided upon. L. A. Washington is Cy. Engr.

CINCINNATI, O.—Bids are asked by Board Public Service until March 3 for grading, curbing and paving Fergus and Eighth Sts. with brick. Geo. F. Holmes, Clk.

It is reported that the Board will award the following paving contracts: Beckman St., N. Ruebel, $28,893; Observatory Ave., Deaney & Goodman, $55,184; Oliver St., Wm. Fogarty, $13,890.

A contract for the removal of 36,500 cu. yds. of earth and other work and the paving of new street with bitulithic was awarded to F. H. KIRCHNER.

CINCINNATI, O.—The contract for improving Queen City Ave. was awarded by Board to J. G. COLLOPY.

CLEVELAND, O.—Bids are asked by Board Public Service until Feb. 21 for grading, draining, curbing and paving portions of Broadway, Marquette, Flint and Lorain Sts. and Bellflower Ave. A. R. Callow, Secy.

TOLEDO, O.—The following contracts have been awarded by Board Public Service: Norwood Ave., KERLIN BROS. CO., $16,657; Vermont Ave., O'SULLIVAN & SHEEHAN, $8,259; Huron St., KERLIN BROS. CO., $5,696; Summit St., THOS. McKINNEY & SON, $24,471; Robinwood Ave., RUSSELL & JENNISON, $21,805; Prescott St., BARBER ASPHALT PAVING CO., $11,678.

INDIANAPOLIS, IND.—The Moore-Mansfield Construction Co. is the lowest bidder for construction of Fall Creek Boulevard at $63,400, with limestone macadam, paving roadway with bitulithic pavement, $67,950.

ROCKVILLE, IND.—Bids are asked by Park County Commissioners until March 7 for construction of three gravel roads. Henry Grubb, County Audr.

VINCENNES, IND.—The Knox County Commissioners have awarded the contract for construction of Johnson Township gravel road to GEO. M. ALBERTSON, for $47,439.

BLOOMFIELD, IND.—Bids are asked by County Commissioners until March 16 for building of gravel and macadamized roads in Stockton and Wright Townships.

BROAD RIPPLE, IND.—Bids are asked by Town Board of Trustees until March 7 for improving sidewalks with cement on a portion of Shelby and North Sts. John O. Brenneman, Clk.

DETROIT, MICH.—Bids are asked by Department Public Works until Feb. 27, 10 a. m., for furnishing and delivering f. o. b. at the municipal asphalt plant 5,000 cu. yds. of binder stone for street asphalt paving mixture. Wm. H. Maybury, Comr.

MENOMINEE, MICH.—Bids will soon be invited for considerable street paving. Address F. S. Norcross, Cy. Clk.

EAST ST. LOUIS, ILL.—Geo. H. Meck, Asst. Cy. Engr., writes us that bids will be received until Feb. 18 for the improvement of 14th St., requiring approximately 965 cu. yds. earth excavation, 1,546 lin. ft. combination curb and gutter, 2,620 sq. yds. vitrified brick paving. W. J. Crocken, Cy. Engr.

FREEPORT, ILL.—We are informed that contract will be let about April 1 for paving Liberty St. with brick; approximately 21,334 sq. yds. paving, 11,460 ft. curb and gutter, and 15,390 cu. yds. excavation. Est. cost, $46,364. G. W. Graham, Cy. Engr.

ROCKFORD, ILL.—Four miles of macadamized streets have been ordered by Board Local Improvements. Ed. Main is Cy. Engr.

SPRINGFIELD, ILL.—Board Local Improvements has awarded to J. E. BRETZ the contract for paving Ninth St. with brick.

SPRINGFIELD, ILL.—Contract for paving of Fourth St. with asphalt was let to BARBER ASPHALT CO., of Chicago.

DES MOINES, IA.—Bids are asked by Board Public Works until Feb. 27, 11 a. m., for paving with vitrified brick on West Eighth St., about 487 sq. yds.

Bids are asked until Feb. 28 for curbing with Portland cement on Newcomb Ave., about 2,031 lin. ft. of curbing.

BELLINGHAM, WASH.—The Elk St. property owners have decided in favor of asphalt as the material for the pavement of that thoroughfare.

SEATTLE, WASH.—The following planking contracts have been awarded: Hanford St., L. H. GOERIG, $15,097; Holgate and other streets, STIRRAT & GOETZ, $13,905; Vine St., SPARGER CONCRETE CO., $4,570.

MANUFACTURING PLANTS.

The names of parties awarded contracts are printed in capital letters.

WORCESTER, MASS.—Lockwood, Greene & Co., 93 Federal St., Boston, informs us that plans are not yet complete for two factory buildings for Merrifield heirs, Worcester.

BOSTON, MASS.—Contract for wagon factory, to be erected on Brookline and Albany Sts. for J. L. & H. K. Potter, 613 Albany St., has been let to G. M. DAVIS & SONS, 20 Arthur St., Somerville.

CAMBRIDGE, MASS.—Contract for one-story machine shop, 100 x 60 ft., for Blanchard Machine Co., 16 Harcourt St., Boston, has been awarded to B. F. SMITH CO., 22 Mason St., Pawtucket, R. I. Cost, $20,000. K. C. Richmond, Arch., 524 Banigan Bldg., Providence, R. I., prepared the plans.

BRIDGEPORT, CONN.—S. L. Green, Engr., Holyoke, Mass., has prepared plans for improvements to the plant of Union Metallic Cartridge Co., Bridgeport.

C. T. Beardsley, Arch., has prepared plans for a six-story addition to factory building.

The Columbia Nut & Bolt Co. is having plans prepared for a one-story factory building, 35 x 150 ft. Address Fred. Atwater, Gen. Mgr.

H. A. Lambert, Arch., has plans for a dye house for Read Carpet Co., to be erected in the rear of its factory, on Middle St.

BROOKLYN, N. Y.—Chas. Infanger, Arch., 2634 Atlantic Ave., has plans for a brick, gravel roof, molding mill with gravel roof, stable and lumber shed, for M. Neufeld, 33 Thatford Ave. Cost, $15,000.

BROOKLYN, N. Y.—A. Ullrich, Arch., 371 Fulton St., has plans for a brick, planing mill for J. Morgenthaler, 278 Schermerhorn St. Cost, $20,000.

ROCHESTER, N. Y.—W. J. Brockett, Arch., 243 Powers Bldg., has plans for a picture frame manufacturing building, to be built on North St., for N. L. Lockhart & Co. Three stories, 81 x 66 ft. brick, mill construction.

NEW YORK, N. Y.—Jas. W. Cole, Arch., 403 West 51st St., has plans for adding one story to brick and stone factory, at 606 West 55th St., of Rich. H. Handley. Cost, $6,000.

NIAGARA FALLS, N. Y.—Marcus Ruthenberg, Lockport, N. Y., will build a rolling mill here.

ALLEGANY, N. Y.—The Acme Milling Co. will probably enlarge its mill soon.

WATERLOO, N. Y.—Plans are completed for a five-story addition, 160 x 200 ft., to the Waterloo Woolen Mills.

BINGHAMTON, N. Y.—The Star Electrical Co. will erect a large factory in this city. Address C. E. Beach.

OSWEGO, N. Y.—The New York Central R. R. Co. has plans for rebuilding and improvement of its railroad shops here. Cost, $500,000.

JAMESTOWN, N. Y.—The Alliance Furniture Co., recently incorporated, will build a three-story factory. Oscar Carlson and Jos. Sandberg are interested.

YORK, PA.—According to reports the York City Cigar Co. will build a three-story brick cigar factory.

PITTSBURG, PA.—It is stated that Bauer Bros. & Co., 5800 Penn Ave., will build a bakery, to cost $80,000.

PITTSBURG, PA.—Chas. Bickel, Arch., 524 Penn Ave., has plans for a five-story bakery for Thomas Mackey Baking Co.

HYDE PARK, PA.—The contract for building a brew house, wash house, tank and millwright for the Hyde Park Brewing Co. has been awarded to G. J. REISEICH, Allegheny, Pa.

PHILADELPHIA, PA.—The Hulton Dyeing & Finishing Co., Jasper St. and Lehigh Av. will receive bids for two-story addition to its factory.

BROWNSVILLE, PA.—Isaac F. Piersel has had plans drawn for a machine shop.

SCHUYLKILL HAVEN, PA.—J. C. Lautenbacher has purchased a site Margueretta St. upon which to erect a knitting mill.

CHAMBERSBURG, PA.—The Chambersburg Woolen Co. is planning to enlarge is facilities.

BUTLER, PA.—The Bessemer Foundry & Machine Co. has secured a large tract of land near here and work on a factory will be commenced in the near future. Peter Duny, Chas. C. Reeder; Frank X. Kohler and others of this city are interested.

SHARON, PA.—Plans calling for an expenditure of $1,-500,000 for the erection of 12 modern open-hearth furnaces as an addition to steel-producing capacity of Homestead Steel Works have been perfected by Carnegie Steel Co., and the work of erection will begin on March 1. The new furnaces will have a capacity of 1,200 tons a day.

BALTIMORE, MD.—We are informed that the Kunkel Wagon Co., 20 East Lee St., has succeeded John N. Kunkel & Son, taking their plant and equipment. Improvements will be made later.

WHEELING, W. VA.—It is stated that S. F. Heckert, Arch., Stevenson Bldg., Pittsburg, Pa., is taking bids for a laundry and power house for Sisters of St. Joseph, City.

RAMSEUR, N. C.—The Ramseur Broom Works, and the Alberta Chair Works, burned recently, will be rebuilt.

UNION, S. C.—The Union Carriage Works, recently burned, will be rebuilt. The firm is composed of T. A. Green, of Spartanburg, and W. F. Hughes, City.

COLUMBUS, GA.—The Eagle and Phoenix Mills will increase the capacity of their rope mills. Machinery purchased.

VIENNA, GA.—P. G. McDonald and others will erect a $100,000 cotton mill here.

GULFPORT, MISS.—A site has been secured here for the erection of a combined casket and trunk factory. The concern will be known as the Consolidated Casket & Trunk Co. The buildings will cost $10,000, and $15,000 will be invested in machinery. The Business League can inform.

NEW ORLEANS, LA.—A $600,000 cement manufacturing plant will be erected here by Louisiana Portland Cement Co., organized by C. F. Ritter, of Covington, Ky., and others.

NASHVILLE, TENN.—The White Trunk & Bag Co, has increased its capital stock from $25,000 to $50,000.

LEWISBURG, TENN.—Homer T. Harris will establish a cigar factory here.

CHATTANOOGA, TENN.—The Chattanooga Implement & Mfg. Co., whose plant is located at East Chattanooga, has applied for an amendment to its charter, increasing the capital stock from $50,000 to $100,000. Incorporators: L. W. Llewellyn, C. August Raht, M. Llewellyn, B. H. Sholar, and E. D. Phillips. The company will build a $50,000 foundry and make extensive improvements in order that its output, consisting of hay presses and farm implements, disc plows, etc., may be increased.

OWENSBORO, KY.—A $50,000 brick plant, to have a daily capacity of 20,000 brick, it is reported, will be erected here early in the spring.

OWENSBORO, KY.—The Owensboro Wagon Co. has awarded the contract for plans and specifications for new wagon factory to W. F. Breedlove and C. W. Kimberlin, Archs., the contract carrying with it the superintendence of the erection of building. Brick and steel, 76 x 938 ft., two stories, and provided with automatic sprinklers. Plans will soon be ready, when contracts will be let.

FREMONT, O.—The Sandusky Stove Co. has incorporated with $100,000 cap. stock, and will probably locate its new factory here. Thos. H. Conway, City, is interested.

ASHTABULA, O.—The Consumers' Brewing Co., incorporated with an authorized capital of $250,000, has contracted with JAMES SCHNEIBEL, 128 Mott St., New York, for the erection of a plant, at Ashtabula, to cost $250,000. C. E. Zeile and Geo. H. Smith, Ashtabula, are directors.

TOLEDO, O.—The American Conduit Co. has been organized with $500,000 cap. stock and will erect a plant in this city for the manufacture of cement conduits. Cost, $20,000. Roy Lane, Nasby Bldg., is at head of concern.

GREENFIELD, IND.—The Greenfield Brick Co. has incorporated with a capital stock of $20,000. The company will establish a plant. Chas. Barr, S. S. Boots and R. R. Boots, incorporators.

LEWIS, IND.—The Lewis Milling Co. has incorporated with a view of installing a plant to manufacture flour, meal, etc. Capital, $10,000. John Woodrow is Pres.

BAY CITY, MICH.—The Bay City Knitting Co. has been organized under the name of the World's Star Knitting Co. with a capital stock of $200,000, of which $150,000 is paid up. A large addition will be erected as soon as weather permits.

CHICAGO, ILL.—J. F. Knudsen has completed plans for a factory to be built at the Francisco Ave. crossing of the Chicago & Northwestern railroad tracks for the Armstrong Bros. Tool Co. Mill construction, 2 stories, 60 x 180 ft. Cost, $35,000.

EAST ST. LOUIS, ILL.—The Weber Bros.' Implement Co., Geo. Weber, Mgr., 415 North Main St., St. Louis, Mo., is having plans drawn for a one-story factory building, 210 x 100 ft., and a one-story warehouse, 200 x 100 ft., to be erected at East St. Louis. Cost, $12,000.

MILWAUKEE, WIS.—It is stated that the American Malting Co. will build a $1,500,000 plant.

DAVENPORT, IA.—The National Implement Mfg. Co. has incorporated and is to build a factory here this spring. Clausen & Clausen, Archs., have made plans for a cracker factory for said company. J. E. Walsh, is Pres., Davenport.

DES MOINES, IA.—Proudfoot & Bird, Archs., have plans for a two-story laundry, 50 x 100 ft., and an engine room 40 x 32 ft., for Mr. Slater, of Mennig & Slater Co. Cost, $10,000.

ST. PAUL, MINN.—Mark Fitzpatrick, Arch., has prepared plans for a brick and store building, 100 x 150 ft. for Schurmeier Wagon Co. Cost, $75,000.

KANSAS CITY, MO.—A site has been purchased here by the Kansas Moline Plow Co., to erect a $150,000 building.

DALLAS, TEX.—D. E. Grove, of Dallas, and Ed. Schnabel, of San Francisco, Cal., will erect a factory here for the manufacture of wire fencing.

ENNIS, TEX.—The erection of a large flouring mill is contemplated. J. Blakely is interested and can give information.

WALLA WALLA, WASH.—P. A. Ditter, of North Yakimama, is in the city and reports that the Commercial Club of his town has consummated a deal with eastern capital whereby a sugar beet plant costing $750,000 will soon be in operation there.

SALEM, ORE.—Eugene Bosse, City, is planning for the establishment of a linen mill to be erected at a cost of $10,000 for building, $5,000 for power and $10,000 for machinery.

SAN BERNARDINO, CAL.—The Atchison, Topeka & Santa Fe is having plans and specifications prepared by R. B. Burns, Ch. Engr., Los Angeles, for reconstructing old machine shops here and adding an addition, 110 x 160 ft.

OGDEN, UTAH.—Plans are being prepared by F. C. Woods, Arch., City, for new factory for Oregon Sewer Pipe & Clay Co., at a cost of $20,000 for building and from $50,000 to $100,000 for machinery and other equipment.

NAPANEE, ONT.—Mr. Carson, of Belleville, has submitted a proposition to the Town Council to build a canning factory here costing $15,000.

ST. JOHN, N. B.—It is stated that the Pender Nail Works Co. will erect a new mill to cost about $25,000.

MISCELLANEOUS CONTRACTS.

The names of parties awarded contracts are printed in capital letters.

CEMENT.—Brandon, Man.—City Council, according to reports, is about to ask tenders for 7,000 bbls. Portland cement.

DREDGING.—Detroit, Mich.—Bids are asked until March 8, for dredging in Lake St. Clair. Lt.-Col. Chas. E. L. B. Davis, U. S. Engrs.

BULKHEAD.—Far Rockaway, N. Y.—Contract for building 1,500 ft. long bulkhead along Simis Beach is stated to have been let to H. S. POTTER.

LEVEE WORK.—Red Fork, Ark.—Contract for 50,000 cu. yds. levee work near Red Fork has been let to LACY BROS., Arkansas City, Ark., for $7,200.

CONTRACTORS' WAGONS.—Washington, D. C.—Bids are asked by Isthmian Canal Commission until Feb. 28 for furnishing five contractors' wagons.

DRAINAGE DITCH.—Webster City, Ia.—Bids are asked until March 21 for construction of drainage ditch in Webster County, requiring excavation of 80,000 cu. yds. O. A. Cragwick, County Audr.

TIMBER.—Ottawa, Ont.—Bids are asked until March 4, by L. K. Jones, Secy. Dept. Rys. and Canals, for supply of British Columbia or Douglas fir timber required for Rideau Canal.

BREAKWATERS.—Ottawa, Ont.—Contract for construction of breakwaters at Port Stanley and Rondeau is stated to have been let to MANELY CO., Toronto, Ont., for about $200,000.

ELECTRIC ELEVATORS.—Omaha, Neb.—Bids are asked by Lt.-Col. J. E. Sawyer, Chief Q. M., until Feb. 28 for installing electric elevators in new quartermaster's storehouse at Omaha.

HAULING STONE.—Catskill, N. Y.—Bids are asked by West Shore Stone Co., for hauling 100,000 yds. of stone from quarry to dock, a distance of 1¼ miles down hill. (Advertised, Engineering News.)

TUNNELS.—East Liberty, Pa.—Contract for constructing three tunnels under the Pennsylvania railroad tracks in this place is stated to have been let to COLUMBIA CONTRACTING CO., for about $120,000.

DREDGING.—Cleveland, O.—Bids are asked by A. R. Callow, Secy. Bd. Pub. Service until Feb. 21 for dredging and removing bars and other obstructions from Cuyanoga River, old river bed and Sycamore St. slip.

STRIPPING.—St. Clair, Pa.—Contract for 200,000 cu. yds. stripping for St. Clair Coal Co., has been let to MILLARD & McGRAW CONSTRUCTION CO., 1010 Arcade Bldg., Philadelphia, Pa. Bids were opened Feb. 1.

HYDRAULIC DREDGE.—Toronto, Ont.—Bids were opened Feb. 7 by Board of Control, Thomas McQueen, Secy., for constructing hydraulic dredge. Polson Iron Works, Toronto, being the only bidder, at $52,180.

DRAINAGE DITCH.—Macon City, Mo.—Bi[illegible] asked by W. G. Walker until March 20 for excavati[illegible] drainage ditch about nine miles long, 20 ft. wide a[illegible]m, 10 ft. deep. Work requires excavation of 389,0[illegible] yds.

IMPROVEMENTS TO SHEARS.—Washing[illegible] C.—Contract for improvements to 100-ton shear[illegible]eague Island Navy Yard has been let to R. G. PAC[illegible] CO., 130 Pearl St., New York, for $15,744. Bids [illegible]opened Feb. 4.

RIVER STRAIGHTENING.—Des Moines, I[illegible] are informed that surveys have just been com[illegible] for straightening channel of Des Moines River. [illegible] and estimates will require about 90 days. John W[illegible] is Cy. Engr.

REPAIRING DOCK.—New York, N. Y.—Bid[illegible] asked by Commissioner of Docks, Pier "A," Batter[illegible] until Feb. 21 for material and labor for extending a[illegible] ing pier at foot of East 35th St., East River. Mau[illegible]ther-erson, Comr.

TIES.—Washington, D. C.—Isthmian Canal C[illegible]ion has awarded contract for 100,000 cross ties and [illegible] ties to BROWN & CO., Brunswick, Ga., for $72,500. [illegible] set for switch ties was also let to same firm for $[illegible] Bids were opened Jan. 25.

PORTLAND-CEMENT.—Wheeling, W. Va.—[illegible] are asked until March 14 for furnishing and delive[illegible] about 7,500 bbls. American Portland cement for Dam [illegible] 13, Ohio River. Major Geo. A. Zinn, U. S. Engrs. (Advertised, Engineering News.)

RETAINING WALL, WHARF.—Norfolk, Va.—[illegible] & Co. are stated to have let contract for constru[illegible] retaining wall along the water front to E. TATTERSON. Same firm has let a contract for erection of wharf to CROSS & SONS, Portsmouth, Va.

DITCHES.—Storm Lake, Ia.—Specifications for construction of ditches in Drainage District No. 1, Buena Vista County, are on file at office of Engineering News, 220 Broadway, New York. Bids are asked until March 7, as advertised in Engineering News.

STEEL SHED.—New Orleans, La.—Bids are asked by Commissioners of Port of New Orleans, Hugh McCloskey, Pres., until March 9 for construction of Henderson St. steel shed. J. F. Coleman, Engr., 920 Hibernia Bank Bldg. (Advertised, Engineering News.)

PORTLAND CEMENT.—Minneapolis, Minn.—Bids are asked until Feb. 24 for furnishing 20,000 bbls. natural cement and 17,500 bbls. Portland cement, to be used in sewer and paving construction during 1905. Andrew Rinker, Cy. Engr.; L. A. Lydierd, Cy. Clk.

EXCAVATION.—Seattle, Wash.—THE INTERNATIONAL CONTRACT CO., C. E. Fowler, Pres., Seattle, has been awarded the contract to excavate 400,000 yards of material on the Old University Grounds and at the Hotel Washington. The work will be done with steam shovels.

ELECTRIC ELEVATORS.—Portsmouth, N. H.—Bids are asked by Bureau Yards and Docks, Washington, D. C., until March 11 for furnishing and installing two electric elevators at Navy Yard, Portsmouth. Specifications are on file at office of Engineering News, 220 Broadway, New York.

ELECTRIC ELEVATOR.—Nashville, Tenn.—Following bids were received Feb. 4 by Supervising Architect, Washington, D. C., for installation of electric passenger elevator in U. S. Custom House and Post Office, Nashville: Marine Engine & Machine Co., New York, $6,052; Otis Elevator Co., New York, $6,585.

HYDRAULIC DREDGE.—Baltimore, Md.—Recently incorporated Furst-Clark Dredging Co., Frank Furst, Baltimore, Pres., is stated to have let contract for boilers and machinery for its new hydraulic dredge to MARYLAND STEEL CO., Sparrows Point, Md. Hull of dredge is now under construction at Orange, La.

COBBLE AND RIPRAP.—New York, N. Y.—Bids are asked by Commissioner of Docks, Pier "A," Battery Pl., until Feb. 21 for furnishing labor and materials required for furnishing, delivering and putting in place about 15,-000 cu. yds. of cobble and about 20,000 cu. yds. of riprap stone. Maurice Featherson, Comr.

TRANSFORMERS, PLANING MACHINES, ETC.—Washington, D. C.—Bids are asked by Bureau Supplies and Accounts until March 14 for furnishing at Navy Yards, Mare Island, Cal., and Puget Sound, Wash., with quantity of naval supplies, among which are transformers, nails, blow pipe, incandescent lamps, tapping and drilling machine, surface planing machine, etc. H. T. B. Harris, Paym.-Gen., U. S. N.

MACHINE TOOLS.—Washington, D. C.—Bids are asked by Bureau of Supplies and Accounts, until Feb. 28, for furnishing at navy yards, Portsmouth, N. H., Boston, Mass., New York, N. Y., Washington, D. C., Norfolk, Va., and Pensacola, Fla., a quantity of machine tools, etc., as follows: Engine lathe, centrifugal pumping sets, radial drill planer, band saw, knife grinder; deck winches, milling machine, gear-cutting machine, drilling machine; saw table, boring machine, scroll saw, band-saw filer, band-saw setter, and retoother and shear. H. T. B. Harris, Paym.-Gen., U. S. N.

ELECTRIC ELEVATOR.—Portsmouth, N. H.—Bids were received Feb. 11 as follows by Bureau Yards and Docks, Washington, D. C., for electric elevator for chain shed, Navy Yard, Portsmouth: Marine Engine & Machine Co., 80 Broadway, New York, $3,086; Charles F. Curwen, (Salem Elevator Works), 244 Canal St., Salem, Mass., $2,555; Niles-Bement-Pond Co., 133 Liberty St., New York, $7,013; Elektron Mfg. Co., 60 Wilbraham Road, Springfield Mass.; $2,485; Reedy Elevator Co., 407 W. 14th St., New York; $2,650, $2,400; Otis Elevator Co., 17 Battery Pl., New York, $2,725, $2,510.

CANALS, RAILROAD TRACK, WATER PIPE LAYING.—New Orleans, La.—Bids are asked by Sewerage and Water Board, F. S. Shields, Secy., Geo. G. Earl, Gen. Supt., until April 25 for construction of 16,000 lin. ft. of wood lined canals, requiring 775,000 ft. B. M., creosoted pine lumber, 1,370,000 ft. B. M., yellow pine and cypress lumber, 143,000 lin. ft. yellow pine piling, 145,000 cu. yds. excavation, 390 cu. yds. concrete and 21,000 lbs. steel rods. Bids are also asked for hauling and laying 15 miles of cast-iron water pipe and furnishing and laying 4,000 ft. of railroad track. (Advertised, Engineering News.)

CRANE RUNWAYS AND COLUMNS.—Boston, Mass.—Following bids were received Feb. 11 by Bureau Yards and Docks, Washington, for construction of crane runways and columns at Navy Yard, Boston: Interstate Steel & Iron Co., 20 Varandah Pl., Brooklyn, N. Y., $5,740; New England Structural Co., 110 State St., Boston, Mass., $4,893; C. M. Leach, Boston, Mass., $5,100; Belmont Iron Works, 22d and Washington Ave., Philadelphia, Pa., $5,-996; Smith & Robinson, 17 State St., New York, $4,892; Conners Bros. Construction Co., 16 Thorndike St., Lowell, Mass.; $4,895, $100 deduct conditionally; Penn Bridge Co., 312 Bond Bldg., Washington, D. C., $5,747.

READERS' WANTS If any one is in the market for any engineering or contracting supplies, the first thing to do is to refer to our advertising pages, but if the buyer cannot find what he wants we particularly ask that he notify us at once and we will inform the proper parties without cost to the inquirer. A copy of **ENGINEERING NEWS BUYERS' GUIDE** will be mailed to any one upon application. This paper will always appreciate any news notes regarding public, or important private work, and will be pleased to receive detailed items. Requests to hold names will be complied with in every case. **Do not fail to write our advertisers or us.**

[illegible]-HP. ENGINE AND 75-HP. BOILER.—Holly Ridge, N. [illegible].—A. M. Prince is in the market for the above.

CONCRETE BUILDING BLOCK MACHINERY.—Amer[illegible], Ga.—O. P. Wallis is in the market for the above.

STEAM TURBINE.—San Antonio, Tex.—J. B. Trescott, 4[illegible] Dallas St., is in the market for a 150-HP. turbine.

ELECTRIC MOTORS.—Birmingham, Ala.—The Eureka Foundry & Machine Co. is in the market for electric motors.

FIRE ESCAPES, PLUMBING, STEEL BEAMS, ETC.—Waynesboro, Pa.—J. W. Woltz is in the market for the above.

STEEL RAILS AND DINKEY ENGINE.—Bluefield, W. Va.—The St. Paul Coal & Coke Co. is in the market for the above.

30-TON LOCOMOTIVE.—Selma, Ala.—Peacocks Iron Works is reported in the market for a standard gage, 30-ton locomotive.

CONVEYING MACHINERY.—Moundsville, W. Va.—B. M. Lewis is reported as in the market for the above for loading sand onto cars.

15 AND 30-HP. VERTICAL ENGINES.—Richmond, Va.—The Cardwell Machine Co. is reported in the market for engines and boilers, etc.

STEAM PLOWS.—New York, N. Y.—Vermilye & Power, 17 Battery Place, writes us that they want the addresses of makers of steam plows.

PAVING BRICK AND CURB STONE.—Rankin, Pa.—The Rankin Improvement Co., we are informed, will soon be in the market for the above.

STEAM AND HOT WATER HEATING APPLIANCES.—Scotland.—Jno. Devlin, Gov. Combination Poorhouse, Dunfermline, is in the market for the above.

HARDWARE, PLUMBING, ETC.—Baltimore, Md.—Morris & Clifford, Archs., Calvert Bldg., are in the market for the above for a dwelling in Frederick, Md.

DREDGING PLANT.—Raleigh, N. C.—J. S. Boushall, Mgr. Aetna Life Ins. Co., P. O. Box 195, is in the market for a dredging plant for hydraulic gold mining.

AIR COMPRESSOR, PNEUMATIC TOOLS, ETC.—Jacksonville, Fla.—J. G. Gardner is understood to be in the market for the above, as well as other material, for use in a plant for building steel tanks, 6 × 11 ft.

SAFETY TREADS.—Pittsburg, Pa.—The Colonial Concrete Steel Co., Lewis Bldg., writes us for the addresses of manufacturers of safety treads, made of steel and lead and imbedded and anchored in the concrete.

SAW MILL EQUIPMENT, BOILERS, ETC.—New Martinsville, W. Va.—C. F. Lowther, of the Lowther-Kauffman Oil & Coal Co., is in the market for the above for the proposed improvements, also wood working machinery, etc.

PILE DRIVERS, PILING, ETC.—Philadelphia, Pa.—Lynch Bros., Contractors, Lippincott Bldg., just awarded contract for school houses and factories in various parts of the city, writes us that they are in the market for the above.

CEMENT BAGS AND BARREL STICKERS.—Hancock, Md.—The Round Top Cement Co. writes us that it wants the names and addresses of manufacturers of paper and cloth bags for holding cement, and also of stickers for the heads of wooden barrels.

CEMENT PLANT.—Panama, C. Am.—H. O. Jeffries, Box 130, Panama (Panama), writes us that he wants information relating to cement plants, as it is contemplated to build such a plant in Panama. Data relating to machinery, general equipment required, etc., are wanted.

MINING, MILLING, POWER AND MANUFACTURING PLANT EQUIPMENT.—Salt Lake City, Utah.—Clement & Strange, Engrs. and Contractors, 307 Dooly Block, advertise in our want columns that they want catalogues from firms manufacturing the above, as they do a general engineering business.

STEEL WATER PIPE, HUB AND SPIGOT PIPE, CASTINGS, METERS, STOP VALVES, AIR VALVES, CHAMBER COVERS, ETC.—Pittsburg, Pa.—Ott Bros., Contractors, 414 Washington Ave., Pittsburg, write us that they wish to correspond with manufacturers of the above-mentioned supplies.

SODIUM SILICATE.—Niagara Falls, Ont.—The Niagara Construction Co., Ltd., J. C. Parker, writes us that the company wishes to be placed in communication with concerns furnishing sodium silicate or "water glass." This is used in the preparation of artificial stone. Address P. O. Box 3, Niagara Falls, New York.

CONCRETE BLOCK MACHINES, CONCRETE MIXER, 5 TO 10-HP. GAS ENGINE, SAND PUMP, ROCK CRUSHER, CONVEYING MACHINES, CEMENT, ETC.—Buckhannon, W. Va.—The Builders' Supply Co. writes us that it is in the market for the above-mentioned supplies in connection with the proposed plant for making concrete building blocks.

STEAM HEATING, ETC.—Bangor, Pa.—The American Slate Co. writes us that in some of its steam plants water is scarce and expensive, and it is desired to utilize the exhaust steam from the boilers. The company wishes to be put in touch with the proper firms, and with manufacturers of steam heating plants. W. J. Turner is Pres.; Colton Amy is Mgr.

CEMENT GRINDING AND PULVERIZING MACHINERY.—Niagara Falls, N. Y.—The International Acheson Graphite Co. writes us that it has a product that now passes through a 10-mesh screen, and the company wishes to grind it down so that it will pass through a 200-mesh screen. Any firm making such grinder is requested to write to the above company for particulars of its wants.

MEXICO.

CAUSEWAY AND PARK.—Puebla.—Municipal authorities of Puebla are considering constructing a causeway and park between the mountains of Loreto and Guadalupe.

SMELTER.—Velardeña, Durango.—Velardeña Mining & Smelting Co. will commence work at once on its 1,000-ton smelter, to be located on the Velardeña branch of the International Ry. in state of Durango.

COAL LAND DEVELOPMENT.—Fuente, Coahuila.—Fuente Coal Co. has discovered another extensive bed of coal near here. It will develop the property and considerable machinery will be installed.

SMELTER.—Chihuahua.—Mining men and capitalists of Chihuahua are agitating the erection of a smelter in the state. Walter M. Brodie, P. O. Box 219, Chihuahua, is to secure data for the project to see if the plan is warranted.

MINING MACHINERY.—Sultepec.—George Fred. Williams, of Boston, Mass., and associates, have purchased the Los Arcos mines, situated in the district of Sultepec. It is stated that considerable new machinery will be installed on the properties.

RAILROAD.—Chihuahua.—It is announced that the Rio Grande, Sierra Madre & Pacific R. R. contemplates construction during 1905 of about 100 miles of road to the timberlands of Chihuahua. J. Fewson Smith, El Paso, Tex., is Ch. Engr.

SAW MILLS.—Coatzacoalco.—Charles Coppes, of lumber firm of Coppes & Zwick, of Nappanee, Ind., has been investigating the timber resources on the Isthmus of Tehuantepec with the view of establishing saw mills and exporting the hardwood timber.

DRAINAGE.—Mazatlan, Sinaloa.—It is announced that arrangements have been made between the city, state and federal authorities for construction of drainage system for this city. It is thought that contract for the work will be let to Col. E. K. Smoot, 814 Second Avenida Balderas, City of Mexico, the contractor for the harbor works at Manzanillo.

RAILROAD.—Toluca.—Sydney R. Wetherbee, a promoter of Detroit, Mich., is reported to have secured the concession granted some time ago to Juan Ochoa Ramos, of Toluca, for building a railroad from this place to Sultepec and Tejupilco. It is stated that capital has been secured and it is thought that active construction work will be begun soon.

HYDRO-ELECTRIC POWER.—Mascota, Jalisco.—Ramon Agras Palomera, an engineer of Mascota, has applied to the state legislature for concession to use waters of Mascota River for power. He proposes to establish a power plant near the junction of the Agostadero and Mascota Rivers, and to transmit the electric current generated to Mascota for lighting and industrial purposes.

ELECTRIC TRANSMISSION.—City of Mexico.—The Mexican Light & Power Co. proposes to transmit electric energy for the use of mining companies in the following districts in the state of Mexico, viz.: Temascaltepec, Zacualpam, Sultepec, Taxco and Malinalteuango. It is proposed to furnish power under conditions similar to those under which it is now transmitted to El Oro and other mining centers. W. A. Ferguson is Elec. Engr. of the company.

ELECTRIC RAILWAY.—Jalisco.—The company for the construction of the section of the Guadalajara-Morelia Electric R. R. from Guadalajara to Chapala has been formed. Under the terms of the concession construction must commence before November next. Carlos Llaguno, Mgr. of the Bank of Jalisco in Zamora, Michoacan, is Pres.; William Vernon Backus, of Cleveland, O., is Vice-Pres., and Andres Lefebre, Juan Dublan and Carlos Eisenmann, all of the City of Mexico, are directors. Ernesto Mora, Asst. Mgr. of the bank of Jalisco in Guadalajara, is in charge of the office in that city.

RAILROAD.—Guanajuato.—The Dwight Furness Co., of city of Guanajuato, which recently purchased the San Gregorio R. R., in the state of Guanajuato, has secured a modification in the concession, changing the route of the road from Gonzalez station, on the National R. R. to Irapuato. The part of the railroad already constructed to the mines of San Gregorio will continue to be operated as a mineral road, and the main line will be built from Marfil to Irapuato. A syndicate has been formed to arrange for the organization of the company to build the road, consisting of the following capitalists, all of the city of Guanajuato: Pres., Ignacio Ibarguengoitia; Vice-Pres., Dwight Furness; Secys., Ricardo Rubio and Lic. Carlos Robles. Engineers will commence the surveys at once.

IRRIGATION SYSTEM.—Torreon.—Lujan & Mueller Co., of Torreon, are preparing to establish a large irrigation system in the state of Chihuahua. They will construct a large masonry dam and water basin for storage purposes. This dam will be built across the Telamautes Canyon and will form a reservoir with a capacity of 1,600,000 gallons of water. The dam will be built of solid masonry and cement, set on rock foundations. At least 20,000 acres will be placed under irrigation in the beginning and this acreage will be gradually increased. It is stated that the company will also utilize the water for generating electrical energy which will be transmitted to the city of Parral. Fred. Wulff, Engr., Torreon, is preparing the plans for enterprise, and construction work will be commenced as soon as the plans are completed and contracts let.

FOREIGN CONTRACTS—EXPORT NEWS.

DRAINAGE.—India.—Municipality of Karachi, according to reports will borrow $264,000 for extending the drainage system.

WATER-WORKS.—Borneo.—Estimates of Sarawak for 1905 include an item of $218,745 for the construction of the new water-works.

BUILDING.—England.—Reports from Essex state that County Council has decided to erect an additional insane asylum at Colchester at a cost of $2,500,000.

ELECTRIC TRAMWAY.—Spain—Canary Isles.—Advices from Madrid state that Don German Leon y Castillo, Las Palmas, Canary Islands, has applied for concession for an electric tramway from Las Palmas to the port of La Luz.

IRRIGATION SYSTEM.—Honduras.—Press reports from Denver, Colo., state that R. S. FULLER, formerly County Engineer of Pueblo County at Pueblo, Colo., has secured contract to build extensive irrigation and water-works systems in Honduras.

HARBOR WORKS.—Chili.—Chilean Government is to open tenders in April, 1906, for the harbor work at Valparaiso, mentioned in our issue of Jan. 26. Specifications are to be on file at the various Chilean Legations in the United States and Europe. Estimated cost of the work is about $11,000,000.

RAILWAY.—Ecuador.—An engineer is wanted to make studies regarding the location and other necessary details for a railroad enterprise between Ambato and the Curaray River, Ecuador. Information can be obtained from the Consulate of Ecuador, Room 1402, 11 Broadway, New York. The official advertisement appears under Situations Open in this issue.

SEWERAGE.—Chile.—Benigno Polanco, Jr., Box 671, Valparaiso, writes us that the French contracting firm of Baytinolles, of Paris, France, which was awarded contract for constructing sewerage system of Santiago, was to commence trenching work about Feb. 15. Contract, which amounts to about $6,750,000, was let early in January, and is to be completed in four years. Ricardo Wejeks, Calle Huerfanos, Santiago, is the Chilean Agent of the contractors.

ELECTRIC TRAMWAYS.—Australia.—London, England, Consulting Engineers for the Freemantle, W. A., electric tramways have placed the following contracts: BELLISS & MORCOM, four engines; J. G. BRILL & CO., 14 cars; J. G. WHITE & CO., cables, trolley wire and bonds; BRITISH WESTINGHOUSE CO., generator, motors, meters, lamps, transformers, switchboards. The order for rails has been placed with the UNITED STATES STEEL PRODUCTS EXPORT CO.

BRIQUETTE MACHINERY, GAS MACHINERY, ETC.—Russia.—Russian American Trading Co. of 925 Market St., Wilmington, Del., and 10 Lopansky St., Charkoff, Russia, informs us that they are advised by the Secretary of the Iron and Coal Exchange that the collieries of South Russia will require briquetting machinery for making coal briquettes. Full particulars can be had at the Iron and Coal Exchange, Charkoff, Russia. We are also informed that there is a large demand for anthracite gas generating machinery and engines. Particulars can be obtained from Russian American Trading Co., 10 Lopansky St., Charkoff, Russia.

CAST-IRON WATER PIPE.

Youngstown, O.

Sealed proposals will be received by the Board of Public Service of the City of Youngstown, Ohio, until 12 o'clock noon, Friday, March 3, 1905, for 900 tons, or less, of cast-iron water pipe, from 4" to 30"; also 20 tons, or less, of special castings.

Specifications may be seen and blank forms for bids had at the office of the Board of Public Service.

Bids shall contain the full name of every person interested, and accompanied by a sufficient bond or a certified check of $500.00, that, if the bid or any part thereof is accepted, a contract will be entered into and the performance of it properly secured.

The Board of Public Service reserves the right to reject any or all bids.

By order of the Board of Public Service.

7-2t G. T. PROSSER, Clerk.

Please mention ENGINEERING NEWS.

FIRE HYDRANTS.

Youngstown, O.

Sealed proposals will be received by the Board of Public Service of the City of Youngstown, Ohio, until 12 o'clock noon, Friday, March 3, 1905, for 75 or less fire hydrants.

Specifications may be seen and blank forms for bids had at the office of the Board of Public Service.

Bids shall contain the full name of every person interested, and accompanied by a sufficient bond or a certified check of $500.00, that, if the bid or any part thereof is accepted, a contract will be entered into and the performance of it properly secured.

The Board of Public Service reserves the right to reject any or all bids.

By order of the Board of Public Service.

7-2t G. T. PROSSER, Clerk.

REINHARDT'S

"Technic of Mechanical Drawing."

A thoroughly practical book. Price, $1.00.

VALVE BOXES.

Youngstown, O.

Sealed proposals will be received by the Board of Public Service of the City of Youngstown, Ohio, until 12 o'clock noon, Friday, March 3, 1905, for 150, or less, screw valve boxes.

Specifications may be seen and blank forms for bids had at the office of the Board of Public Service.

Bids shall contain the full name of every person interested, and accompanied by a sufficient bond or a certified check of $100.00 that, if the bid or any part thereof is accepted, a contract will be entered into and the performance of it properly secured.

The Board of Public Service reserves the right to reject any or all bids.

By order of the Board of Public Service.

7-2t G. T. PROSSER, Clerk.

For other Proposal Advertisements see pages 35, 36, 37, 38 of Advertisements and Construction News pages 59, 60.

SEALED PROPOSALS in duplicate will be received at the office of the Commissioner of Immigration, Ellis Island, N. Y., until 2.30 o'clock p. m., March 1, 1905, and then opened, for the construction of an island near Ellis Island. Particulars as to conditions and limitations governing bidders can be had upon application to the COMMISSIONER OF IMMIGRATION, Ellis Island, N. Y. 6-2t

SITUATIONS OPEN

CIVIL SERVICE EXAMINATIONS—NEW YORK STATE.

Examinations will be held March 11, 1905, for the following positions:

Bridge Draftsman, $1,200-$1,500.

Junior Bridge Draftsman, $900-$1,200.

These positions are open to residents and non-residents.

For further particulars and application blank, address

CHIEF EXAMINER,
State Civil Service Commission,
Albany, N. Y.

7-2t

PLAIN LETTERING.—A young man wanted to do plain lettering; office work entirely. Address "M. A. T." Engineering News, New York. 7-1t

SUBMERGED CAST IRON PIPE SEWER.

Sealed proposals will be received until 8 P. M., Feb. 23, 1905, by the Board of Sewer Commissioners of the City of New Rochelle, N. Y., for the construction of approximately 2,000 feet of 30-inch submerged cast-iron pipe sewer under the waters of an arm of Echo Bay. The work also includes the construction of a sand catcher, rising well and other appurtenances.

The proposals must be accompanied by a certified check for $6,000.00, payable to the Board of Sewer Commissioners, New Rochelle, N. Y., the same to be forfeited to the Board if the person or persons to whom the contract may be awarded shall neglect or refuse to execute the contract within ten days after notification by the Board that his or their proposal has been accepted.

The successful bidder will be required to furnish a bond with sureties approved by the Board in the sum of $25,000.00 as security for the faithful performance of the work and as indemnity for damages.

The right is reserved to reject any or all proposals, to award the contract to other than the lowest bidder, or to readvertise for proposals if the Board shall deem such a course advantageous to the interest of the City.

Plans, specifications, form of proposal and further information can be obtained after Feb. 9 from the Chief Engineer at the office of the Board, City Hall, New Rochelle, N. Y.

By order of the Board of Sewer Commissioners,

GEORGE W. SUTTON,
Chairman.

JAMES KNAPP WILKES,
Chief Engineer. 5-3t

Dated New Rochelle, N. Y., Jan. 30, 1905.

WATER-WORKS PUMPING MACHINERY.

Office of the Sewerage and Water Board, 602 Carondelet street, New Orleans, La., February 7, 1905.

Sealed proposals will be received until 12 o'clock noon of Tuesday, April 18, 1905, for furnishing and erecting the following machinery, viz.:

4 20,000,000 gallon pumping engines, to work against a normal head of 218 feet;
3 40,000,000 gallon centrifugal pumps, to work against a normal head of 15 feet;
3 engines to operate these centrifugal pumps,
1 20,000,000 gallon centrifugal pump, to work against a normal head of 12 feet;
1 engine to operate 20,000,000 gallon centrifugal pump;
2 150 KW., 550 volt, direct current generator;
2 engines to drive these generators;
6 400 HP. water tube boilers.

Also all steam and water pipe connections and other appurtenances complete for operation within, and connecting the boiler and pump house buildings.

Specifications, general plan and blank form of proposal may be obtained at the office of the Board.

A certified check on a New Orleans bank, in the sum of $10,000, deposited in accordance with the terms of the specifications, will be required of each bidder.

A surety company bond for an amount equal to 25 per cent. of the gross amount of the contract will be required of the successful bidder.

The right is reserved to reject all bids.

F. S. SHIELDS,
Secretary.

GEO. G. EARL,
General Superintendent. 7-6t 13-4t

DRAW BRIDGE.

RHODE ISLAND STONE BRIDGE.
Providence, R. I.

Sealed proposals for building a draw span for the Rhode Island Stone Bridge will be received by the Board at their office, Room 227 State House, Providence, R. I., until 12 o'clock M., March 22, 1905.

Bids will be entertained for a single or double leafed Bascule bridge and for a swing bridge. The channel must have a clear way of one hundred feet between fenders at low tide.

Plans and specifications may be seen at the office of the Commissioners or at the office of O. Perry Sarle, Civil Engineer, 146 Westminster street, Providence, R. I.

A certified check for two thousand ($2,000) dollars must be deposited by each bidder subject to the conditions of the proposal as required by the Commissioners.

The Commissioners reserve the right to reject any or all bids.

CHARLES ALEXANDER,
J. HERBERT SHEDD,
N. B. CHURCH,
7-4t Commissioners.

TIMBER DRAINAGE CONSTRUCTION. HAULING AND LAYING WATER PIPE. FURNISHING & LAYING RAILROAD TRACK.

Office of Sewerage and Water Board, 602 Carondelet street, New Orleans, La. February 7, 1905.

Sealed proposals will be received up to 12 o'clock noon of Tuesday, April 25, 1905, for the construction of 16,000 lineal feet of wood lined canals, and laying 15 miles of water pipe.

The canal work will consist of:

775,000 ft. B. M. creosoted pine lumber;
1,370,000 ft. B. M. yellow pine and cypress lumber;
143,000 lin. ft. yellow pine piling;
145,000 cu. yds. excavation;
390 cu. yds. concrete;
21,000 pounds steel rods;

and will be divided into two contracts.

Two other contracts will include the hauling and laying of 15 miles of cast iron water pipe and the furnishing and laying of 4,000 feet of railroad track. The water pipe will be mainly from 16 to 48 inch in diameter, aggregating about 13,000 tons.

Quantities stated are approximate only.

A surety company bond for an amount equal to 25 per cent. of the gross amount of each contract will be required of the successful bidder in each case.

A certified check on a New Orleans bank for $1,500 must be deposited with the Secretary of the Sewerage and Water Board, not later than 11 A. M., April 25, 1905, by each bidder, and one for each contract bid upon.

Specifications, general plans and blank forms of proposals may be obtained at the office of the Board.

The right is reserved to reject all bids on either contract.

F. S. SHIELDS.
Secretary.

GEO. G. EARL,
General Superintendent. 7-6t 13-4t

SEWERS, WATER PIPE AND APPURTENANCES.

Office of the Sewerage and Water Board, 602 Carondelet street, New Orleans, La., February 7, 1905.

Sealed proposals will be received until 12 o'clock noon of Tuesday, April 18, 1905, for the construction of 65 miles of sewers and appurtenances and the furnishing of 15 miles of cast iron water mains and appurtenances.

The sewers will range in size from 8 to 30 inch, and in depth from 5 to 18 feet, and will include 700 manholes and 275 flush tanks.

The water pipe will be mainly from 16 to 48 inch in diameter, aggregating about 13,000 tons. Small quantities of 4 to 12 inch water pipe will also be included.

Quantities stated are approximate only.

The sewer work will be divided into four (4) contracts; there will be one contract for furnishing 48 inch cast iron pipe and one for furnishing pipe smaller than 48 inch.

A surety company bond for an amount equal to 25 per cent. of the gross amount of each contract will be required of the successful bidder in each case.

A certified check on a New Orleans bank for $1,500 must be deposited with the Secretary of the Sewerage and Water Board, not later than 11 A. M., April 18, 1905, by each bidder, and one for each contract bid upon.

Specifications, general plans and blank forms of proposals may be obtained at the office of the Board.

The right is reserved to reject all bids on either contract.

F. S. SHIELDS,
Secretary.

GEO. G. EARL,
General Superintendent. 7-6t 13-4t

LIGHTS.

Norwalk, O.

Sealed proposals will be received by the Clerk of the Board of Public Service of the city of Norwalk, at the City Auditor's office, Whittlesey block, Norwalk, Ohio, up to and including 12 o'clock noon of the 21st day of March, 1905, for the furnishing of the necessary lights for a period of ten years, to properly light the public places, streets, avenues and alleys of said city by means of a system of electric lamps or of gas lamps, or of a combination of them, in accordance with the specifications therefor now on file in said City Auditor's office.

Said specifications are on file for the inspection of all persons interested, and a copy of them may be had upon application.

By order of City Council per resolution passed January 24th, 1905.

E. O. FRIEND,
L. E. DOANE,
A. S. PRENTISS,
Board of Public Service.

T. P. KELLOGG, Clerk. 7-1t

SANITARY DISTRICT OF CHICAGO.

TO CONTRACTORS.

SEALED PROPOSALS ADDRESSED TO THE BOARD OF TRUSTEES OF THE SANITARY DISTRICT OF CHICAGO AND INDORSED

"Proposals for constructing the Power House of the Lockport Power Development near Lockport, Ill., on the extension of the Main Drainage Channel of the Sanitary District of Chicago," will be received by the Clerk of the Said Sanitary District at Room 1110 Security Building, Chicago, Ill., until 12 m. (standard time) of Wednesday, the 12th day of April A. D. 1905, and will be publicly opened by said Board of Trustees at a meeting of the Board held that day.

The Power House for which said tenders are invited is to be a concrete structure about 160 feet wide, 386 feet long and 100 feet in height. It is to contain 9 turbine chambers with bulkheads designed for a working head of 34 feet of water, a generator room 62 feet by 350 feet and offices 20 feet by 62 feet.

The work for which said tenders are invited includes supplying all materials for the substructure and superstructure of said Power House, excavating the site and erecting same complete, according to plans furnished by the Sanitary District of Chicago, and in conformity with specifications furnished by the said Sanitary District.

Each bid must be accompanied by a certified check or cash to the amount of three thousand ($3,000) dollars. All certified checks must be drawn on some responsible bank doing business in the City of Chicago, and shall be made payable to the Clerk of the Sanitary District of Chicago. Said amounts of three thousand ($3,000) dollars deposited with bids will be held by the Sanitary District until all of the respective bids for said structure have been canvassed and the contract awarded and signed. The return of said check or cash to the bidder to whom the award of said work shall have been made will be conditioned upon his appearing within ten (10) days after receiving notice of such award, with bondsmen, and executing a contract with the Sanitary District for the work so awarded, and giving a bond satisfactory to the Board of Trustees for the fulfillment of the contract in the amount of one hundred thousand ($100,000) dollars.

All bids must be upon blank forms furnished by the Sanitary District.

No bid will be considered unless the party making it shall furnish evidence, satisfactory to the Board of Trustees, of his experience and ability in this class of work and his financial ability successfully to prosecute the said contract in case the same shall be awarded to him.

Bidders are required to state in their bid their individual names and places of residence in full.

The said Board of Trustees reserves the right to reject any and all bids.

THE SANITARY DISTRICT OF CHICAGO.
By ZINA R. CARTER,
President of its Board of Trustees.
Attest: S. D. GRIFFIN, Clerk.
Chicago, February 9, 1905. 7-1t

WATER METERS.

Youngstown, O.

Sealed proposals will be received by the Board of Public Service of the City of Youngstown, Ohio, until 12 o'clock noon, Friday, March 3, 1905, for

125 or less ⅝" water meters.
40 or less ¾" water meters.
15 or less 1" water meters.
2 or less 1½" water meters.
12 or less 2" water meters.
2 or less 3" water meters.
1 or less 4" water meters.

Specifications may be seen and blank forms for bids had at the office of the Board of Public Service.

Bids shall contain the full name of every person interested, and accompanied by a sufficient bond or a certified check of $500.00, that, if the bid or any part thereof is accepted, a contract will be entered into and the performance of it properly secured.

The Board of Public Service reserves the right to reject any or all bids.

By order of the Board of Public Service.
7-2t G. T. PROSSER, Clerk.

DEPARTMENT OF THE INTERIOR, Washington, D. C., Office of Superintendent U. S. Capitol Building and Grounds, February 7, 1905.—In furtherance of the advertisement published under date of December 8, 1904, for certain work in connection with the construction of an Office Building for the House of Representatives, intending bidders are hereby notified that proposals for cut stone work for the exterior facades and court walls of said building will be received and opened at the above office at 2 o'clock P. M. on Wednesday, March 8, 1905, in the presence of persons desiring to attend. Plans and specifications are now ready for issue and will be furnished upon receipt of a certified check for fifty dollars ($50.00), payable to the Superintendent U. S. Capitol Building and Grounds as a guarantee for their return. Checks will be returned upon the receipt of plans and specifications. A suitable bond will be required for the faithful performance of the contract. The right is reserved to reject any or all bids, and to waive any informality in any bid. ELLIOTT WOODS, Superintendent U. S. Capitol Building and Grounds. 7-3t

U. S. ENGINEER OFFICE, Wheeling, W. Va., February 13, 1905.—Sealed proposals for furnishing and delivering about 7,500 barrels of American Portland cement for Dam No. 13, Ohio River, will be received here until 11 a. m. (Eastern time), March 14, 1905, and then publicly opened. Information furnished on application. GEO. A. ZINN, Major, Engrs. 7-4t

CAST-IRON PIPE, ETC.

Board of Trustees, "Commissioners of Water-Works," Cincinnati, O.

PROPOSALS

For Furnishing and Delivering Cast-Iron Pipe and Special Castings for Coagulating Basins, Filters and the Water Reservoir Near the Village of California and for the Pump Mains from the Western Pumping Station in the City of Cincinnati, Hamilton County, Ohio.

Sealed proposals will be received at the office of the Board of Trustees, "Commissioners of Water-Works," City of Cincinnati, Ohio, until 12 o'clock noon of FRIDAY, March 17, 1905, for furnishing, and delivery of manufacture, Cast-Iron Pipe and Special Castings for Coagulating Basins, Filters and Clear Water Reservoir near the Village of California and for the Pump Mains from the Western Pumping Station in the City of Cincinnati, Hamilton County, Ohio, in accordance with plans, specifications, and detail drawings on file in the office of the Chief Engineer of the Board of Trustees, "Commissioners of Water-Works."

The same to be paid for as stipulated in the form of contract for the performance of the above work, and which form of contract is on file in the office of the Board of Trustees, "Commissioners of Water-Works."

Plans and detail drawings of the cast-iron pipe and special castings, and copies of the specifications, estimated quantities of the pipes and special castings to be furnished, form of proposal, forms of bonds, and form of contract, can be secured at the office of the Chief Engineer of the Board of Trustees, "Commissioners of Water-Works."

Bidders must enclose their bids in sealed envelopes, and deposit the same with the Clerk of the Board of Trustees, "Commissioners of Water-Works," before FRIDAY, the 17th day of March, 1905, at 12 o'clock M., and such sealed envelopes must have endorsed thereon the nature of the bid and the name and address of the bidder.

Bids will be opened on FRIDAY, the 17th day of March, 1905, at 12 o'clock M., at the office of the Board of Trustees, "Commissioners of Water-Works."

Each bid shall be accompanied with a bond in the sum of $10,000, and signed by two sureties, for the acceptance of the contract, if awarded by the Board of Trustees, "Commissioners of Water-Works"; or the bidder may deposit with the Board of Trustees, "Commissioners of Water-Works," in lieu of such bond, a certified check or bank certificate of deposit, payable to the order of the Board of Trustees, "Commissioners of Water-Works," or cash equal in amount to the bond as above required.

Bidders must furnish satisfactory evidence of their ability to do the class of work required.

Bidders must use the printed forms, as none other will be received.

Bidders may submit bids on all the items, or on items No. 1, No. 2 and No. 10, or on items No. 3 and No. 10, or on items No. 4, No. 5, No. 6 and No. 10, or on items No. 7, No. 8, No. 9 and No. 10.

The Board of Trustees, "Commissioners of Water-Works," reserve the right to award the contract on all items, or separately on items No. 1, No. 2 and No. 10, on items No. 3 and No. 10, on items No. 4, No. 5 and No. 6, and No. 10, and on items No. 7, No. 8, No. 9 and No. 10, or to reject any and all bids.

By direction of the Board of Trustees, "Commissioners of Water-Works."

AUG. HERRMANN, President.
ELMER G. PRIOR, Clerk Pro Tem. 7-3t

VALVES.

Youngstown, O.

Sealed proposals will be received by the Board of Public Service of the City of Youngstown, Ohio, until 12 o'clock noon, Friday, March 3, 1905, for

75 or less 6" water valves.
20 or less 8" water valves.
2 or less 10" water valves.
2 or less 12" water valves.
2 or less 20" water valves.
1 or less 30" water valves.
12 or less 4" water valves.

Specifications may be seen and blank forms for bids had at the office of the Board of Public Service.

Bids shall contain the full name of every person interested, and accompanied by a sufficient bond or a certified check of $500.00, that, if the bid or any part thereof is accepted, a contract will be entered into and the performance of it properly secured.

The Board of Public Service reserves the right to reject any or all bids.

By order of the Board of Public Service.
7-2t G. T. PROSSER, Clerk.

For other Proposal Advertisements see pages 35, 36, 37, 38. of Advertisements and Construction News page 59, 60.

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